



EU Ecolabel Paints and Varnishes (indoor and outdoor)

User Manual



European Commission
EU Ecolabel Paints and Varnishes (indoor and
outdoor)
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EU ECOLABEL PAINTS AND VARNISHES USER MANUAL

Commission Decision of for the award of the EU Ecolabel for paints and varnishes (2014/312/EU)

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Using this manual

This manual guides you through the process of applying for an EU Ecolabel, in accordance with the criteria requirements. The following symbols are used throughout:

 = Notable or important information.





 = Clarification of a key point.

 = Required documentation to verify compliance with criteria, including links to declarations where needed.

The manual is structured as follows:

Part A: General Information – Provides information about the EU Ecolabel (including a summary of the criteria), details of the application process, and answers to frequently asked questions about applying.

Part B: Product Assessment and Verification – Outlines the criteria for paints and varnishes set out in the Commission Decision (2014/312/EU). An example from this section is shown below:

Product group criterion	<p>3(c) Adhesion</p> <p>Pigmented masonry primers for exterior uses shall score a pass in the EN 24624 (ISO 4624) pull-off test where the cohesive strength of the substrate is less than the adhesive strength of the paint, otherwise the adhesion of the paint must be in excess of a pass value of 1,5MPa.</p> <p>Floor coatings, floor paints, floor undercoats, interior masonry primers, metal and wood undercoats shall score 2 or less in the EN 2409 test for adhesion.</p> <p> Transparent primers are not included in this requirement.</p> <p>The applicant shall evaluate the primer and/or finish alone, or both applied together. When testing the finish alone this shall be considered the worst case scenario concerning adhesion.</p> <p> Interpretation of criterion: <i>The important adhesion characteristics here are for a 'system' that would be applied by a user. If a finish, that requires a recommended primer, is being assessed for the EU Ecolabel this 'system' should be tested (regardless of whether the primer is an EU Ecolabelled product). If the finish does not require a primer, only the finish should be tested. If it is the primer that is being assessed, the test should be performed on this paint only.</i></p> <div style="background-color: #e6f2e6; padding: 5px; border: 1px solid #ccc;"> <p>Required documentation for Assessment and verification: Adhesion</p> <ul style="list-style-type: none">  The applicant shall provide a test report using the method EN ISO 2409 or EN 24624 (ISO 4624) as applicable.  Template declaration: Adhesion </div>
Important information	
Clarification of a key point in the criterion	
Outline of documentation needed for application, to show compliance with the criterion – including link to a template declaration form	

Part C: Application Form – This application form should be completed by all applicants.

Part D: Declarations – These declarations are to be completed as part of the application process. The relevant sections of Part B (Product Assessment and Verification) should be referred to when completing these declarations. An example declaration is shown below:

Title and reference to relevant criterion

Declaration, including sections to be completed by the applicant and/or supplier(s).

Information to be completed by the person responsible for this declaration

Declaration: Criterion 2 – TiO₂ declaration of non/low use to be completed by the applicant

(Please complete if the paint or varnish contains less than 3.0% w/w TiO₂)

*As the manufacturer/importer/retailer for paints and varnishes that comply with the EU Ecolabel, I, the undersigned, _____, (1) hereby declare that the product formulation contains **less than 3.0% w/w** of titanium dioxide.*

Signature of person bearing legal responsibility:	
Position held	
Date:	
Company Stamp:	

⚠ Please read this manual all the way through before completing and submitting the application form or any other documentation.

Part A: General Information

1 Introduction

This User Manual¹ is for guidance only and is designed to help you apply for the EU Ecolabel for paints and varnishes (indoor and outdoor). It includes an outline of all data, tests and documentation that are required to demonstrate compliance.

The basis for the manual is the Commission Decision of 28 May 2014 establishing the ecological criteria for the award of the EU Ecolabel for paints and varnishes (2014/312/EU). A copy of the criteria can be found at:



<http://ec.europa.eu/environment/ecolabel/products-groups-and-criteria.html>



Please read the criteria document carefully before filling in the application form!

1.1 Is my product eligible for the EU Ecolabel?

The product group 'indoor and outdoor paints and varnishes' is diverse, with different products distinguishable according to their function, content, user, and effects. The lists below show products which are eligible for the EU Ecolabel, and those that are excluded.

1. The product group 'indoor and outdoor paints and varnishes' comprises:
 - a. **indoor and outdoor decorative paints and varnishes;**
 - b. **woodstains and related products** intended for use by consumers and professional users falling under the scope of Directive 2004/42/CE of the European Parliament and of the Council²;
 - c. **floor coatings and floor paints;**
 - d. paint products which are **tinted** by distributors at the request of consumers (non-professional) or professional decorators;
 - e. **tinting systems;**
 - f. **decorative paints** in liquid or paste formula which may have been pre-conditioned, tinted or prepared by the manufacturer to meet consumer needs, (including **wood paints, wood**

¹ This User Manual is for guidance only; it does not have any legal standing and does not, in any way, replace the Commission Decision or any relevant legislation. In case of doubt on specific points in the Manual, please refer directly to the national Competent Body.

² Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC (OJ L 143, 30.4.2004, p. 87).

and **decking stains, masonry coatings and metal finishes primers and undercoats** of such product systems as defined in Annex I to Directive 2004/42/CE³.

2. The following products are **excluded**:

- a. anti-fouling coatings;
- b. preservation products for wood impregnation;
- c. coatings for particular industrial and professional uses, including heavy-duty coatings;
- d. powder coatings;
- e. UV curable paint systems;
- f. paints primarily intended for vehicles;
- g. products whose primary function is not to form a film over the substrate, e.g. oils and waxes;
- h. fillers as defined by EN ISO 4618;
- i. road-marking paints.

1.2 Aims of the criteria

The EU Ecolabel seeks to minimise the various environmental impacts at each stage of a product's life. The criteria are set at levels that promote products which have a lower overall environmental impact. In particular, the criteria aim to:

- Promote efficient use of the product and minimisation of waste.
- Reduce the environmental and other risks (such as tropospheric ozone development) by reducing solvent emissions.
- Reduce the emission of toxic or otherwise polluting substances into water.

The criteria are valid until 28 May 2018.



For those who already hold an EU Ecolabel licence for paints and varnishes, and who are re-applying, the table in [Appendix 2](#) details the significant changes between the old and new criteria.

1.3 Who can apply for the EU Ecolabel?

Manufacturers, importers and service providers may submit applications for the award of the EU Ecolabel. Traders and retailers may also apply, but may only submit applications for products marketed under their own brand names.

³ Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC (OJ L 143, 30.4.2004, p. 87).

1.4 Where do I apply?

EU Ecolabel applications are made via a single application that covers all of the European Economic Area (EEA). Details about the EEA are available here:



http://eeas.europa.eu/eea/index_en.htm

Every country has a representative, known as a Competent Body, which assesses the applications. The choice of which country you should apply to is determined by the EEA Member State in which the product originates. If your product originates from outside the EEA, you should apply to the EEA Member State in which the product is (or is about to be) placed on sale.

All EEA Member States assess applications against the same criteria, but individual States have slightly different procedures and fee levels for handling applications. For contact details for each Member State's Competent Body, please visit:



<http://ec.europa.eu/environment/ecolabel/competent-bodies.html>

1.5 What does an application/contract cover?

An application for an EU Ecolabel covers a product, regardless of how many different names or brands are used for that product. Therefore, the applicant must report all the trade names or reference numbers of the product(s) in question during the process of application. The formulation, including all chemical substances and mixtures used in the product, must be submitted as part of the application.

1.6 How do I extend or make changes to my EU Ecolabel licence?

Once the EU Ecolabel has been awarded, if the licence holder wants to extend the range of products covered by the licence, the following conditions apply:

- Extension with new commercial identification/reference names, which do not affect compliance with the criteria: In this case, the relevant information should be sent to the Competent Body. After scrutiny, and if accepted, the Competent Body will issue a revised licence with the new/additional commercial references/trade names added.
- Extension with new technical characteristics which affect compliance with the criteria (for example new materials): These must be approved by the Competent Body before use. A request for extension must be sent to the Competent Body together with all the necessary supporting documentation as required in the *Assessment and verification* section(s) of the relevant affected criterion/criteria.
- Addition or substitution of new suppliers: The Competent Body should be provided with appropriate documentation proving the suppliers' compliance with the criteria. In addition, an updated list of suppliers must be provided.

1.7 Continuous control – the responsibility of the applicant

The applicant is responsible for ensuring that the product, once awarded the EU Ecolabel, always remains in compliance with the EU Ecolabel Criteria.

After an EU Ecolabel licence has been granted, the licence holder must keep the application dossier up to date. In cases where continued tests or measurements are required, the licence holder is responsible for keeping a record of the test results and other relevant documentation. This documentation may not need to be sent to the Competent Body, unless there is a specific requirement to do so (which will be set out in the relevant criterion), but must be available at any time if requested.

If at any time during the validity period of the licence the product falls out of compliance with the criteria this must be reported to the Competent Body immediately, together with a statement of the reasons for non-compliance. The Competent Body will decide the consequences of the non-compliance, e.g. a demand for additional measurements, suspension of the licence etc.

1.8 Assessment of compliance with the criteria

The Competent Body may undertake any necessary investigations to monitor the licence holder's ongoing compliance with the EU Ecolabel Criteria and the terms of use and provisions of the contract. To this end, the Competent Body may request, and the licence holder shall provide, any relevant documentation to prove such compliance.

1.9 Costs

The applicant is responsible for compiling the application and obtaining all the necessary supporting evidence, which may include tests etc.

In addition the applicant must pay an application fee⁴, and an annual licence fee where this is asked for by the Competent Body. In some cases, applicants may be charged for an on-site verification, which may include travel and accommodation costs. Subsequent to the award of the licence, Competent Bodies may also charge for extension/modification fees and on-site inspections. Further information can be found at:



http://ec.europa.eu/environment/ecolabel/documents/eu-ecolabel_fees.pdf

⁴ According to the Commission Regulation (EU) No 782/2013 of 14 August 2013 amending Annex III to the Regulation (EC) No 66/2010 of the European Parliament and of the Council on the EU Ecolabel 25 November 2009.

2 The application process

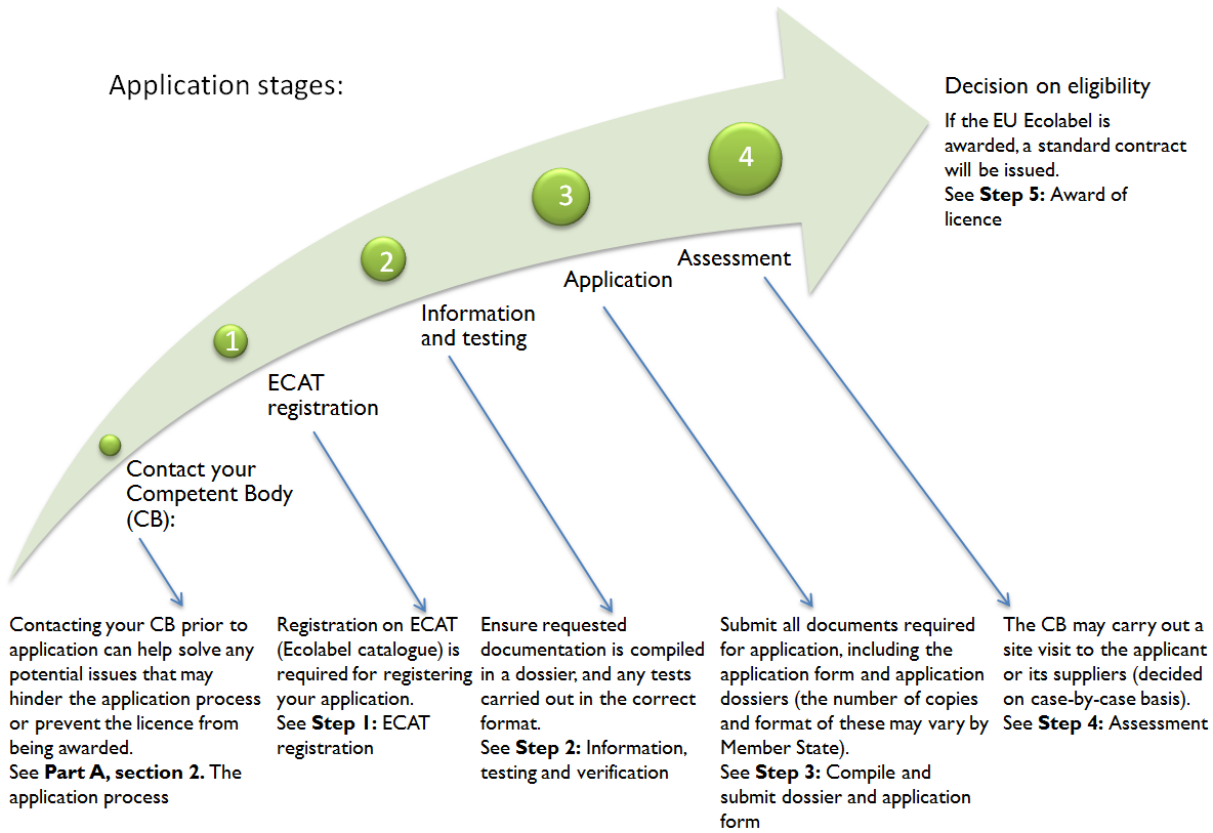
The first step in starting the application process is to contact your Competent Body, as they can help you in compiling your application. See section above [‘Who can apply?’](#) to find out which Competent Body(ies) you should apply to.

The contact details of all the EU Ecolabel Competent Bodies are available at:



<http://ec.europa.eu/environment/ecolabel/competent-bodies.html>

The following figure outlines the stages involved in applying for the EU Ecolabel. Further detail is given in the explanations that follow.



Step 1: ECAT registration

The online tool **ECAT** (the EU Ecolabel E-Catalogue), must be used to initially register your application for an EU Ecolabel licence.



Follow the instructions on the E-Catalogue User Manual which you can download from http://ec.europa.eu/environment/ecolabel/ecolabelled_products/pdf/user_manual/Ecat_admin%20user%20manual%20for%20Applicants.pdf. This user manual outlines the process for registration, which will include registering under the European Commission Authentication Service (ECAS) system. If you have any problems using the system, contact your Competent Body, or the Ecolabel Helpdesk.

Step 2: Information, testing and verification requirements

Use the criteria document, and the information and checklists in this User Manual, to assemble a dossier containing all the information and test results needed to show how the product has met each criterion. Each criterion will include a section setting out the *Assessment and verification* requirements which may include product tests, declarations of compliance, or independent verification. It is essential that data is accurate and substantiated; further checks may be carried out by the Competent Body if deemed appropriate.



All test and independent verification costs must be met by the applicant. You should factor in these costs before you decide to apply.

Step 3: Compile and submit dossier and application form

Please note that a dossier, comprising an application form with all the above supporting documentation, will need to be submitted to the relevant Competent Body. If your application is successful, you will be expected to retain a copy of the dossier and keep it up to date for the duration of your licence.



Send all of the documents required for application (typically a completed and signed copy (or copies) of the application form, and the application dossier – the number of copies and format of these may vary by Member State), to the relevant Member State Competent Body. For further information, please contact your Competent Body.

Step 4: Assessment

After receiving an application, the Competent Body examines the documentation including any material sent directly by suppliers. The Competent Body can ask for further information if necessary, within two months of receipt of an application. The Competent Body may make a list of any additional documentation required in order to comply with the EU Ecolabel product group criteria. This list will be forwarded to the applicant who must ensure that the relevant documentation is provided.

It should also be noted that a Competent Body can reject an application if sufficient documentation is not received within 6 months of the initial application.

After all the documentation has been approved, the Competent Body may carry out an on-site visit to the

applicant and/or its suppliers. The Competent Body makes this judgement on a case-by-case basis and may charge for it. Again, please contact your Competent Body for details.

Step 5: Award of licence

When the application has been assessed and is approved by the Competent Body, a contract is issued, which sets out the range of products covered, including any trade names. This contract sets out the terms of use of the EU Ecolabel, following the standard contract in Annex IV of the Regulation (EC) no. 66/2010 of 25 November 2009.

Once the contract is signed by the applicant, a certificate can be asked for. This certificate will detail:

- the licence number that can be used with the EU Ecolabel logo;
- the legal name of the applicant;
- the range of products awarded the EU Ecolabel;
- all relevant trade names under which the product is sold.

Upon receipt of the signed contract, the licence holder can use the EU Ecolabel logo and licence number on the relevant products in accordance with the EU Ecolabel Logo guidelines, which can be found at:



http://ec.europa.eu/environment/ecolabel/documents/logo_guidelines.pdf

2.1 Revision of criteria



The criteria for each product group are revised every three/four years, and existing EU Ecolabel holders have to re-apply when these new, revised criteria come into force. Therefore, it is advisable to consider the timing of your application to avoid consecutive application and then re-application against new criteria. A transition period for adjusting the product(s) formulation and applying for re-assessment is usually allowed for and is set out in the new criteria document.



For more information about the application process visit the EU Ecolabel website at:

<http://ec.europa.eu/environment/ecolabel/how-to-apply-for-eu-ecolabel.html>

2.2 Checklist: How to apply

Reference	Requirement	Tick when complete
1.1	Ensure product is eligible for Ecolabel	<input type="checkbox"/>
Web link	Download the relevant product group criteria	<input type="checkbox"/>
1.3	Identify the Competent Body in the relevant Member State you can apply to	<input type="checkbox"/>
1.3	Contact the relevant Competent Body and notify them of your intention to apply for an Ecolabel	<input type="checkbox"/>
2. Step 1	Register with ECAT	<input type="checkbox"/>
2. Step 2	Obtain two paper application forms from your Competent Body	<input type="checkbox"/>
2. Revision	Check to see if the criteria relating to your product(s) or service are due to be revised or updated in the near future. ⁵	<input type="checkbox"/>
1.6	If only submitting a change to products or suppliers, identify the nature of the change and submit supporting documentation	<input type="checkbox"/>

⁵ For information about the criteria revision, please visit the website <http://ec.europa.eu/environment/ecolabel/products-groups-and-criteria.html>

2.3 Definitions

The following definitions shall apply to references throughout this User Manual, and in reference to the original criteria document:

1. **'Paint'** means a pigmented coating material, supplied in a liquid paste or powder form, which, when applied to a substrate, forms an opaque film having protective, decorative or specific technical properties and after application dries to a solid, adherent and protective coating.
2. **'Varnish'** means a clear coating material which, when applied to a substrate forms a solid transparent film having protective, decorative or specific technical properties and after application dries to a solid, adherent and protective coating.
3. **'Decorative paints and varnishes'** means paints and varnishes that are applied in-situ to buildings, their trim and fittings, for decorative and protective purposes.
4. **'Woodstain'** means coatings producing a transparent or semi-transparent film for decoration and protection of wood against weathering, which enables maintenance to be carried out easily.
5. **'Tinting system'** means a method for preparing coloured paints by mixing a 'base' with coloured tints.
6. **'Masonry coating'** means a coating that produces a decorative and protective film for use on concrete, paintable brickwork, blockwork, rendering, calcium silicate board or fibre-reinforced cement.
7. **'Binding primers'** means coatings designed to stabilise loose substrate particles or impact hydrophobic properties.
8. **'UV curable paint system'** means the hardening of coating materials by exposure to artificial ultra-violet radiation.
9. **'Powder coating'** means protective or decorative coating formed by the application of a coating powder to a substrate and fusion to give a continuous film.
10. **'In-can preservatives'** are active substances within the meaning of Article 3(1)(c) of Regulation (EU) No 528/2012 that are for use in product-type 6 as described in Annex V to that Regulation. They are in particular used for the preservation of manufactured products during storage by the control of microbial deterioration to ensure their shelf life and used for the preservation of tints that will be dispensed from machines*.
11. (*This shall apply once the amendment voted by MS in November 2015 is adopted by the Commission.)
12. **'Dry-film preservatives'** are active substances within the meaning of Article 3(1)(c) of Regulation (EU) No 528/2012 that are for use in product-type 7 as described in Annex V to that Regulation, in particular for the preservation of films or coatings by the control of microbial deterioration or algal growth in order to protect the initial properties of the surface of materials or objects.*
(*This shall apply once the amendment voted by MS in November 2015 is adopted by the Commission.)
13. **'Anti-skinning substances'** are additives that are added to the coating materials to prevent skinning during production or storage of the coating material.
14. **'Volatile organic compounds'** (VOC) means any organic compounds having an initial boiling point less than or equal to 250 °C measured at a standard pressure of 101,3 kPa as defined in Directive 2004/42/EC and which, in a capillary column, are eluting up to and including n-Tetradecane (C₁₄H₃₀).
15. **'Semi volatile organic compounds'** (SVOCs) means any organic compound having a boiling point greater than 250 °C and less than 370 °C measured at a standard pressure of 101,3 kPa and which,

in a capillary column are eluting with a retention range after n-Tetradecane (C₁₄H₃₀) and up to and including n-Docosane (C₂₂H₄₆).

16. **'White and light coloured'** paints are those with a tri-stimulus (Y-value) >70 %.
17. **'Gloss paints'** are those which at an angle of incidence of 60° show a reflectance of ≥60.
18. **'Mid sheen paints'** (also referred to as **semi-gloss, satin, semi matt**) are those which at an angle of incidence of 60° or at 85° show a reflectance of <60 and ≥10.
19. **'Matt paints'** are those which at an angle of incidence of 85° show a reflectance of <10.
20. **'Dead matt paints'** are those which at an angle of incidence of 85° show a reflectance of <5.
21. **'Transparent'** and **'semi-transparent'** means a film with a contrast ratio of < 98% at 120μ wet film thickness.
22. **'Opaque'** means a film with a contrast ratio of >98% at 120μ wet film thickness.

i Interpretation:

Trim is defined as "finished mouldings, such as architraves, picture rails, cornices etc. used to decorate or border openings or wall surfaces". Cladding is defined as "any insulating or protective layer that is added to the outside of a structure".

Tinting systems provide on-demand pre-mixed paint colours to a consumer and usually require specialist equipment that provides a tint to a base paint. These paints are usually mixed on demand at a retail outlet. This should not be confused with tinted paints, which are paints that contain a colour. These paints can be produced either by tinting systems, or within a manufacturing environment and then supplied to the retailer ready packaged for sale.

Part B: Product Assessment and Verification

1 Product group criteria

The criteria for awarding the EU Ecolabel to paints and varnishes concern their chemical formulation, performance level and efficiency, release of chemicals and consumer information/product labelling:

1. White pigment and wet scrub resistance
2. Titanium dioxide
3. Efficiency in use
 - (a) Spreading rate
 - (b) Resistance to water
 - (c) Adhesion
 - (d) Abrasion
 - (e) Weathering
 - (f) Water vapour permeability
 - (g) Liquid water permeability
 - (h) Fungal resistance
 - (i) Crack bridging
 - (j) Alkali resistance
 - (k) Corrosion resistance
4. Volatile and Semi-volatile Organic Compounds (VOCs, SVOCs)
5. Restriction of hazardous substances and mixtures
 - (a) Overall restrictions that apply to hazard classifications and risk phrases
 - (b) Restrictions that apply to Substances of Very High Concern
 - (c) Restrictions that apply to specific hazardous substances
6. Consumer information
7. Information appearing on the EU Ecolabel

2 Assessment and verification

(a) Requirements

The specific assessment and verification requirements are indicated within each criterion.

Where the applicant is required to provide declarations, documentation, analyses, test reports, or other evidence to show compliance with the criteria, these may originate from the applicant and/or the applicant's supplier(s) and/or their supplier(s), as appropriate.

In the case of changes such as supplier, paint formulation or an extension of a product range that results in a change in how the paint or varnish complies with one or more criteria (as relevant), then the license holder shall, in advance of any change, submit information to the relevant Competent Body demonstrating the product's ongoing compliance as specified in the relevant criterion.

Where appropriate, test methods other than those indicated for each criterion may be used if these are described under the relevant Criterion guidance section of this User Manual and the Competent Body assessing the application accepts their equivalence.

Competent Bodies shall preferentially recognise tests which are accredited according to ISO 17025, and verifications performed by bodies which are accredited under the EN 45011 standard or an equivalent international standard.

Where appropriate, Competent Bodies may require supporting documentation and may carry out independent verifications.

i *Note that EN45011 is currently being replaced by ISO 17065. Competent Bodies will also accept this accreditation standard when assessing the application.*

(b) Measurement thresholds

Unless otherwise indicated compliance with the Ecolabel criteria is required for intentionally added substances and mixtures, as well as for by-products and impurities from raw materials, the concentration of which equals or exceeds 0,010 % by weight of final formulation.

(c)

The exact formulation of the product, including the function and the physical form of all ingredients identified within the criteria, as well as any additional functional ingredients, and their ingoing concentration shall be provided to the Competent Body. The chemical name, CAS number and CLP classification according to Regulation (EC) 1272/2008 of the European Parliament and of the Council shall be provided for each ingredient. All ingredients identified within the criteria, as well as any additional functional ingredients and known impurities that are present at concentrations in the product of greater than 0,010 % shall be reported unless a lower concentration is required in order to comply with a derogation requirement.

Where ingredients are referred to in the criteria, this includes substances and preparations or mixtures. The definitions of 'substances' and 'mixtures' are given in Article 3 of Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation,



Authorisation and Restriction of Chemicals ('the REACH Regulation').

Safety data sheets and/or CAS numbers and CLP classifications for each ingredient shall be submitted to the Competent Body in accordance with Regulation (EC) No 1907/2006 of the REACH Regulation.

(d)

For all criteria, apart from Criterion 4 Volatile and Semi-volatile Organic Compounds (VOCs, SVOCs), the limits shall apply to the paint or varnish in its packaging. In line with Directive 2004/42/EC the VOC limits relate to the ready to use product and so the maximum VOC content shall be measured or calculated including any recommended additions such as colourants and/or thinners. For this calculation or measurement, data supplied by the raw material suppliers regarding solids content, VOC content and product density will be required. The above is also applicable in the measurement or calculation of SVOCs. Competent bodies may request testing for SVOC's in order to validate calculations.

Criterion 1: White pigment and Wet scrub resistance

1(a) Minimum requirement for white pigment content:

Indoor wall and ceiling paints for which Class 1 and 2 wet scrub resistance claims are made, shall have a white pigment content (white inorganic pigments with a refractive index higher than 1,8) per m² of dry film, equal to or lower than that described in Table 1, with 98% opacity. For tinting systems this requirement only applies to the base paint.

Table 1: Relationship between wet scrub resistance and TiO₂ content for indoor paints

Wet scrub resistance	Indoor limit (g/m ²)
Class 1	40
Class 2	36

For all other paints, including limed paints, silicate paints, primers, anti-rust paints and facade paints, the white pigment content (white inorganic pigments with a refractive index higher than 1,8) shall not exceed 36g/m² for indoor products and 38g/m² for outdoor products. In the case of paints for both indoor and outdoor use, the more stringent limit shall apply.

In case the above mentioned products fall under the exemption indicated in part (b) below, then the white pigment content (white inorganic pigments with a refractive index higher than 1,8) shall not exceed 25 g/m² of dry film, with 98% opacity.

1(b) Minimum requirement for Wet Scrub Resistance (for indoor paints only):

All indoor wall and ceiling paints (finishes) shall achieve class 1 or class 2 in wet scrub resistance (WSR) according to EN 13300 and EN ISO 11998. This requirement only applies to tinting bases (base paints). Exempted from this requirement are indoor wall and ceiling paints with a white pigment content (white inorganic pigments with a refractive index higher than 1,8) that is equal or lower to 25g/m² of dry film, with 98 % opacity.



Only WSR class 1 and 2 ecolabelled paints may claim wet scrub resistance on the label or other marketing documentation.





i Interpretation of criterion:

In pre-mixed paints, test results shall be provided for the white paint. Where the paint is not produced in a white colour test results on the paint with the most white pigment shall be provided. This can be determined by comparison using a colour standard such as RAL, with RAL 9010 being pure white. In tinting systems, test

results shall be on the base paint. Where more than one base is used, the base with most white pigment shall be provided.

Note that the declaration combines criterion 1a and 1b.

Required documentation for Assessment and verification: White pigment and WSR

-  The requirements of both Criterion 1(a) and 1(b) above shall be fulfilled; the applicant shall provide documentation showing that the content of white pigments is compliant with this criterion.
-  The applicant shall provide a test report according to EN 13300 using the method EN ISO 11998 (test for cleanability and scrub resistance). For ceiling paints and indoor wall paints, the labelling for the packaging (including the accompanying text) shall be provided as evidence regarding claims of wet scrub resistance.
-  [Declaration template: White pigment content \(1\)](#)
-  [Declaration template: Wet scrub resistance](#)

Criterion 2: Titanium dioxide pigment

If the product contains more than 3.0% w/w of titanium dioxide, the emissions and discharges of wastes from the production of any titanium dioxide pigment used shall not exceed the following⁶:

For the sulphate process:

- SO_x calculated as SO₂: 7.0 kg /tonne TiO₂ pigment
- Sulphate waste: 500 kg /tonne TiO₂ pigment.

For the chloride process:

- If natural rutile ore is used, 103 kg chloride waste /tonne TiO₂ pigment
- If synthetic rutile ore is used, 179 kg chloride waste /tonne TiO₂ pigment
- If slag ore is used, 329 kg chloride waste /tonne TiO₂ pigment.

If more than one type of ore is used, the values will apply in proportion to the quantity of the individual ore types used.



Note: SO_x emissions only apply to the sulphate process.

The Waste Framework Directive 2008/98/EC, article 3, shall be used for the definition of waste. If the TiO₂ producer can satisfy Article 5 (by-product production) of the Waste Framework Directive for its solid wastes then the wastes shall be exempted.

i Interpretation of criterion:

TiO₂ is the chemical formula for titanium dioxide and can be considered identical.

SO_x means oxygenated sulphur emissions to air.


The sulphate and chloride processes are two industrial methods for producing TiO₂ from rutile (the mineral from which TiO₂ is produced).


Some TiO₂ producers classify the chloride waste as a by-product for further processing and use. This by-product is exempt from the calculation if the TiO₂ producer can satisfy the Waste Framework Directive definition of by-product. However, it is still necessary to state the amount of chloride by-product (kg/tonne) within the declaration and provide evidence that the by-product is not classified as a waste.

The manufacturer has to submit the values of the production waste (kg chloride waste / ton TiO₂ pigment), and, if more than one type of ore is used, the values shall be calculated in proportion to the types of ores used. If information on the composition is not provided, the worst case option should be considered.

⁶ As derived from the Reference Document on Best Available Technology for the Manufacture of Large Volume Inorganic Chemicals (BREF), August 2007.

Required documentation for Assessment and verification: Titanium dioxide pigment

 The applicant shall submit supporting documentation showing compliance by the titanium dioxide producer manufacturing the raw material for the paint product. This can be either in the form of a declaration of non-use, or a declaration supported by data indicating that the respective levels of process emissions and waste discharges of wastes are met.

 [Declaration template: Criterion 2 – TiO₂ declaration of non/low use](#)

 [Declaration template: Criterion 2 – TiO₂ emissions declaration](#)



Criterion 3: Efficiency in use

In order to demonstrate the efficiency in use of paints and varnishes the following tests per type of paint and/or varnish, as indicated in Table 2, shall be undertaken:



EU ECOLABEL PAINTS AND VARNISHES USER MANUAL

Commission Decision of for the award of the EU Ecolabel for paints and varnishes (2014/312/EU)

Table 2: Performance requirements for different kinds of paints and varnishes

Criteria	Paints and Varnishes (with their subcategories identified according to the Directive 2004/CE/42)							
	Indoor paint (a, b)	Outdoor paint (c)	Trim and cladding (d)	Thick decorative coating indoor and outdoor (l)	Varnish and woodstain (e, f)	One pack performance and floor covering paint (i)	Primer (g)	Undercoat and primer (h)
3(a) Spreading rate (only for white and light coloured paints, including the white base paints used in tinting systems) – ISO 6504/1. Not applicable to varnishes, lasures, transparent adhesion primers or any other transparent coatings	8 m ² /L	4 m ² /L (elastomeric paint) 6 m ² /L (masonry paint)	Outdoor products 6 m ² /L Indoor products 8 m ² /L	1 m ² /L	-	Outdoor products 6 m ² /L Indoor products 8 m ² /L	6 m ² /L (without having specific properties) 8 m ² /L (with opacity)*	6 m ² /L (without having specific properties) 8 m ² /L (with opacity)*
3(b) Resistance to water– ISO 2812-3	-	-	-	-	Resistant to water	Resistant to water	-	-



EU ECOLABEL PAINTS AND VARNISHES USER MANUAL

Commission Decision of for the award of the EU Ecolabel for paints and varnishes (2014/312/EU)

Criteria	Paints and Varnishes (with their subcategories identified according to the Directive 2004/CE/42)							
	Indoor paint (a, b)	Outdoor paint (c)	Trim and cladding (d)	Thick decorative coating indoor and outdoor (l)	Varnish and woodstain (e, f)	One pack performance and floor covering paint (i)	Primer (g)	Undercoat and primer (h)
3(c) Adhesion – EN 24624		-	-	-	-	Score 2	1.5 MPa (masonry paint)	1.5 MPa (masonry paint)
3(d) Abrasion – EN ISO 7784-2	-	-	-	-	-	70 mg weight loss	-	-
3(e) Weathering – EN 11507 / EN 927-6	-	1000 h	1000 h (outdoor)	1000h (outdoor)	1000 h (outdoor)	1000h (outdoor)	-	-
3(f) Water vapour permeability ¹ – EN ISO 7783	-	Class II or better	-	Class II or better (outdoor)	-	-	-	-
3(g) Liquid water permeability ¹ – EN 1062-3	-	Where claims are made Class III. All other products Class II or better	-	Class II or better (outdoor)	-	-	-	-
3(h) Fungal resistance ¹ – EN 15457	-	Class I or lower (masonry or wood paints)	Class 0 (outdoor wood products)	Class I or lower (outdoor)	-	-	-	-



EU ECOLABEL PAINTS AND VARNISHES USER MANUAL

Commission Decision of for the award of the EU Ecolabel for paints and varnishes (2014/312/EU)

Criteria	Paints and Varnishes (with their subcategories identified according to the Directive 2004/CE/42)							
	Indoor paint (a, b)	Outdoor paint (c)	Trim and cladding (d)	Thick decorative coating indoor and outdoor (l)	Varnish and woodstain (e, f)	One pack performance and floor covering paint (i)	Primer (g)	Undercoat and primer (h)
3(h) Algal resistance - EN 15458 ¹	-	Class I or lower (masonry or wood paints)	Class 0 (outdoor wood products)	Class I or lower (outdoor)	-	-	-	-
3(i) Crack bridging ¹ – EN 1062-7	-	A1 (elastomeric paint only)	-	-	-	-	-	-
3(j) Alkali resistance – ISO 2812-4	-	Masonry paint	-	-	-	-	Outdoor for masonry	Outdoor for masonry
3(k) Corrosion resistance ¹ – EN ISO 12944-2 and 12944-6, ISO 9227, ISO 4628-2 and 4628-3	-	Anti-rust paint Blistering: ≥ size 3 /density 3 Rusting: ≥ Ri2	Anti-rust paint Blistering: ≥ size 3 /density 3 Rusting: ≥ Ri2	-	-	Anti-rust paint Blistering: ≥ size 3 /density 3 Rusting: ≥ Ri2	Anti-rust paint Blistering: ≥ size 3 /density 3 Rusting: ≥ Ri2	Anti-rust paint Blistering: ≥ size 3 /density 3 Rusting: ≥ Ri2

i Interpretation of criteria: *Note that the spreading rate for thick decorative coatings quoted within this table should be in units of m²/kg rather than m²/l*

(*This shall apply once the amendment voted by MS in November 2015 is adopted by the Commission.)

3(a) Spreading rate

Spreading rate requirement shall apply to white and light coloured paint products. For paints that are available in more colours the spreading rate shall apply to the lightest colour.

White paints and light-coloured paints (including finishes and intermediates) shall have a spreading rate (at a hiding power of 98%) of at least 8m² per litre of product for indoor paints and 6m² for outdoor paints. Products marketed for both indoor and outdoor shall have a spreading rate (at a hiding power of 98%) of at least 8m² per litre.

For tinting systems, this criterion applies only to the white base (the base containing the most TiO₂). In cases where the white base is unable to achieve this requirement, the criterion shall be met after tinting the white base to produce the standard colour RAL 9010.

For paints that are a part of a tinting system, the applicant must advise the end-user on the product packaging and POS which shade or primer/undercoat (if possible bearing the Community Eco-label) should be used as a basecoat before applying the darker shade.

'Opaque primers and undercoats shall have a spreading rate of at least 8 m² per litre of product. Opaque primers with specific blocking/sealing, penetrating/binding properties and primers with special adhesion properties shall have a spreading rate of at least 6 m² per litre of product*.

Thick decorative coatings (paints that are specially designed to give a three-dimensional decorative effect and are therefore characterised by a very thick coat) shall alternatively have a spreading rate of 1m² per kg of product.

Opaque elastomeric paints shall have a spreading rate (at a hiding power of 98%) of at least 4m² per litre of product.

These spreading rate requirements **do not apply** to varnishes, woodstains, transparent adhesion primers or any other transparent coatings.

(*This shall apply once the amendment voted by MS in November 2015 is adopted by the Commission.)

Interpretation of criterion:

This criterion only applies to white or light coloured paint.

Evidence showing which basecoats can be used for darker shades may be provided through pictures and design layouts.

Only semi-transparent or opaque primers or undercoats may be tested and verified under this criterion.

The unit of measurement for thick decorative coatings shall m² per kg of product.

Required documentation for Assessment and verification: Spreading rates



The applicant shall provide a test report using one of the following methods:

- ISO 6504/1 (Paints and varnishes - determination of hiding power - Part 1: Kubelka-Munk method for white and light-coloured paints)
- ISO 6504/3 (Part 3: determination of contrast ratio [opacity] of light-coloured paints at a fixed spreading rate)
- NFT 30 0730 for paints specially designed to give a three-dimensional decorative effect and characterised by a very thick coat
- For bases used to produce tinted products which are not evaluated according to the abovementioned requirements, the applicant shall produce evidence of how the end-user will be advised to use a primer and/or grey (or other relevant shade) of undercoat before application of the product.



[Template declaration: Spreading rate](#)

3(b) Resistance to water

All varnishes, floor coatings and floor paints shall have resistance to water, as determined by ISO 2812-3 such that after 24 hours' exposure and 16 hours' recovery no change of gloss or of colour occurs.

Required documentation for Assessment and verification: Water resistance



The applicant shall provide a test report using the method ISO 2812-3.



[Template declaration: Resistance to water](#)

3(c) Adhesion

Pigmented masonry primers for exterior uses shall score a pass in the EN 24624 (ISO 4624) pull-off test where the cohesive strength of the substrate is less than the adhesive strength of the paint, otherwise the adhesion of the paint must be in excess of a pass value of 1,5MPa.

Floor coatings, floor paints, floor undercoats, interior masonry primers, metal and wood undercoats shall score 2 or less in the EN 2409 test for adhesion.




Transparent primers are not included in this requirement.

The applicant shall evaluate the primer and/or finish alone, or both applied together. When testing the finish alone this shall be considered the worst case scenario concerning adhesion.

❗ Interpretation of criterion:

The important adhesion characteristics here are for a 'system' that would be applied by a user. If a finish that requires a recommended primer is being assessed for the EU Ecolabel this 'system' should be tested (regardless of whether the primer is an EU Ecolabelled product). If the finish does not require a primer, only the finish should be tested. If it is the primer that is being assessed, the test should be performed on this paint only.

Required documentation for Assessment and verification: Adhesion


 The applicant shall provide a test report using the method EN ISO 2409 or EN 24624 (ISO 4624) as applicable.

 [Template declaration: Adhesion](#)

3(d) Abrasion

Floor coatings and floor paints shall have an abrasion resistance not exceeding 70 mg weight loss after 1000 test cycles with a 1000 g load and a CS10 wheel according to EN ISO 7784-2.

Required documentation for Assessment and verification: Abrasion

 The applicant shall provide a test report showing compliance with this criterion using the method EN ISO 7784-2.

 [Template declaration: Abrasion](#)

3(e) Weathering (for outdoor paints and varnishes)

Masonry finish paints and wood and metal finishes including varnishes shall be exposed to artificial weathering in apparatus including fluorescent UV lamps and condensation or water spray according to ISO 11507. They shall be exposed to test conditions for 1000 hours. Test conditions are: UVA 4h/60 °C + humidity 4h/50 °C.

Alternatively, outdoor wood finishes and wood varnishes shall be exposed to weathering for 1000 hours in the QUV accelerated weathering apparatus with cyclical exposure with UV(A) radiation and spraying according to EN 927-6.

According to ISO 7724 3, the colour change of samples exposed to weathering shall not be greater than $\Delta E^* = 4$. It is not applicable to varnishes and bases.

Decrease of gloss for gloss paints and varnishes exposed to weathering shall not be greater than 30% of its initial value and shall be measured using ISO 2813. This requirement is not applicable to mid sheen and matt-finishes⁷ which have an initial gloss value less than 60% at 60° angle of incidence.

Chalking shall be tested using method EN ISO 4628-6:2007 on masonry finish coats and wood and metal finishes (where applicable) after the samples have been exposed to weathering. Coatings shall score of 1,5 or better (0,5 or 1,0) in this test. In the standard there are illustrated references.


The following parameters shall also be evaluated on masonry finish coats and wood and metal finishes after the samples have been exposed to weathering:

- Flaking according to ISO 4628-5; flake density 2 or less, flake size 2 or less;
- Cracking according to ISO 4628-4; crack quantity 2 or less, crack size 3 or less;
- Blistering according to ISO 4628-2; blister density 3 or less, blister size 3 or less.



Tests should be performed on the tinting base.

Required documentation for Assessment and verification: Weathering

 The applicant shall provide test reports using either ISO 11507 according to the specified parameters or EN 927-6, or both. The applicant shall provide test reports using EN ISO 4628-2, 4, 5, 6 and a test report in conformance ISO 7724-3 where applicable

 [Template declaration: Weathering](#)

 *These tests are for outdoor paints only.*

The base paint (without colourants) shall be used for the colour change test.

⁷ EN ISO 2813.

Note that:

ISO 11507 has now been withdrawn (Jan 2014) and replaced with ISO 16474-1:2013 and ISO 16474-3:2013.

ISO 7724-3 was superseded early in 2014 by ISO 11664-6, which shall therefore be accepted as equivalent.

3(f) Water vapour permeability

Where claims are made that exterior masonry and concrete paints are breathable the paint shall be classified according to EN1062-1 as class II (medium vapour permeability) or better according to the test method EN ISO 7783.



Due to the large number of potential tinting colours, this criterion will be restricted to testing of the base paint.

ⓘ Interpretation of criterion:

In pre-mixed paints, test results shall be provided for the white paint. This can be determined by comparison using a colour standard such as RAL, with RAL 9010 being pure white. Where the paint is not produced in a white colour test results on the paint with the most white pigment shall be provided. In tinting systems, test results shall be on the base paint. Where more than one base is used, the base with most white pigment shall be provided.

To pass this criterion, the paint shall meet the requirements set out in EN ISO 7783 and meet either class II (medium) or class I (high) requirements defined in EN 1062-1 ($V > 15$ or $s_d < 1.4$).

Required documentation for Assessment and verification: Water vapour permeability



The applicant shall provide a test report using methodology EN ISO 7783 and classification according EN 1062-1



[Template declaration: Water vapour permeability](#)

3(g) Liquid water permeability

Where claims are made that exterior masonry and concrete paints are water repellent or elastomeric, the coating shall be classified according to EN 1062-1 as class III (low liquid permeability, in accordance with EN 1062-3).



Due to the large number of potential tinting colours, this criterion will be restricted to the testing of the

base paint.


All other masonry paints shall be classified according to EN 1062-1 as class II (medium liquid permeability) or better according to the test method EN 1062-3.

i Interpretation of criterion:

Class III water permeability requirements within EN 1062-1 are $W \leq 0.1$. Class II water permeability requirements within EN 1062-1 are $W \leq 0.5$.

In pre-mixed paints, test results shall be provided for the white paint. This can be determined by comparison using a colour standard such as RAL, with RAL 9010 being pure white. Where the paint is not produced in a white colour test results on the paint with the most white pigment shall be provided. In tinting systems, test results shall be on the base paint. Where more than one base is used, the base with most white pigment shall be provided.

Required documentation for Assessment and verification: Liquid water permeability

 The applicant shall provide a test report using methodology EN 1062-3 and classification according EN 1062-1.

 [Template declaration: Liquid water permeability](#)

3(h) Fungal and algal resistance

Where claims are made that exterior masonry finish and wood paints have anti-fungal and algal properties, and in accordance with PT7 of the Biocide Regulation (EC) No 528/2012, the following requirements shall be determined using EN 15457 and EN 15458.

Masonry paints shall have a score of class 1 or lower (1 or 0) for fungal resistance (i.e. less than 10 % fungal coverage) and a score of class 1 or lower for algal resistance.

Wood paints shall have a score of 0 for fungal resistance and 0 for algal resistance.



Due to the large number of possible tinting colours, this criterion will be restricted to the testing of the base paint.

Required documentation for Assessment and verification: Fungal and algal resistance



The applicant shall provide a test report using the methodology in EN 15457 and EN 15458.



[Template declaration: Fungal and algal resistance](#)

Information icon Interpretation of criterion:

In pre-mixed paints, test results shall be provided for the white paint,. This can be determined by comparison using a colour standard such as RAL, with RAL 9010 being pure white. Where the paint is not produced in a white colour test results on the paint with the highest content of white pigment shall be provided. In tinting systems, test results shall be on the base paint. Where more than one base is used, the base with most white pigment shall be provided.

When only one of the above claims is made, a proof of compliance for this claim only shall be provided.

3(i) Crack bridging

Where claims are made that masonry (or concrete) paint has elastomeric properties, the paint shall at least be classified as A1 at 23°C according to EN 1062.



Due to the large number of potential tinting colours, this criterion will be restricted to the testing of the base paint.

Required documentation for Assessment and verification: Crack bridging



The applicant shall provide a test report using methodology DIN EN 1062-7.



[Template declaration: Crack bridging](#)


❗ Interpretation of criterion:

In pre-mixed paints, test results shall be provided for the white paint. This can be determined by comparison using a colour standard such as RAL, with RAL 9010 being pure white. Where the paint is not produced in a white colour test results on the paint with the most white pigment shall be provided. In tinting systems, test results shall be on the base paint. Where more than one base is used, the base with most white pigment shall be provided.

3(j) Alkali resistance

Masonry paints and primers shall show no noticeable damage when the coating is spotted for 24 hours with 10% NaOH solution according to method ISO 2812-4. The evaluation is done after 24 hours drying-recovery.

Required documentation for Assessment and verification: Alkali resistance


 The applicant shall provide a test report using methodology ISO 2812-4.

 [Template declaration: Alkali resistance](#)

3(k) Corrosion resistance

Simulated corrosion stresses shall be applied to a substrate for the purpose of rating according to the appropriate atmospheric corrosivity category or categories in EN ISO 12944-2 and the accompanying test procedures specified in EN ISO 12944-6. Anti-rust paints for steel substrates shall be tested after 240h salt spray following ISO 9227. The results shall be rated using ISO 4628-2 for blistering and ISO 4628-3 for rusting. The paint shall achieve result not worse than size 3 and density 3 in blistering and not worse than Ri2 in rusting test.

Required documentation for Assessment and verification: Corrosion resistance

 The applicant shall provide testing and rating reports to confirm compliance with this criterion.

 [Template declaration: Corrosion resistance](#)

i Interpretation of criterion:

In pre-mixed paints, test results shall be provided for the white paint, This can be determined by comparison using a colour standard such as RAL, with RAL 9010 being pure white. Where the paint is not produced in a white colour test results on the paint with the most white pigment shall be provided. In tinting systems, test results shall be on the base paint. Where more than one base is used, the base with most white pigment shall be provided.

The test defined in this criterion is intended for paints that claim C3: medium durability corrosion resistivity. Where a paint claims corrosion resistance greater than C3 medium, the appropriate test procedures and conditions shall be used, as defined within ISO 12944-6. The test procedures and conditions, as a minimum, shall meet 'medium' durability ranges for the specific corrosivity category, which entails test procedures of 240 hours of exposure to salt spray and 120 hours exposure to water condensation. The salt spray test shall be carried out according to ISO 9227, superseding ISO 7253 which is currently specified in EN ISO 12944-6

Other test procedures may be necessary to show compliance with this criterion depending on the corrosivity category claimed. For example, it may be necessary to perform a test using water condensation to ISO 6270. These tests are detailed within ISO 12944-6.

Note that the neutral salt spray test defined in ISO 12644-6 has been superseded by ISO 9227.

Criterion 4: Content of Volatile and Semi-volatile Organic Compounds (VOCs, SVOCs)

The maximum content of Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs) shall not exceed the limits given in Table 3.

The content of VOCs and SVOCs shall be determined for the ready to use product and shall include any recommended additions prior to application such as colourants and/or thinners.

Products with a VOC content that is in accordance with the limits in Table 3 may display the text 'reduced VOC content' and the VOC content in g/l next to the Ecolabel.

Table 3: VOC and SVOC content limits

Product description (with subcategory denotation according to Directive 2004/CE/42)	VOC limits (g/L including water)	SVOC limits (g/L including water)
a. Interior matt walls and ceilings (Gloss <25@60°)	10	30 ¹ /40 ²
b. Interior glossy walls and ceilings (Gloss >25@60°)	40	30 ¹ /40 ²
c. Exterior walls of mineral substrate	25	40
d. Interior/Exterior trim and cladding paints for wood and metal	80	50 ¹ /60 ²
e. Interior trim varnishes and woodstains, including opaque woodstains	65	30
e. Exterior trim varnishes and woodstains, including opaque woodstains	75	60
f. Interior and Exterior minimal build woodstains	50	30 ¹ /40 ²
g. Primers	15	30 ¹ /40 ²
h. Binding primers	15	30 ¹ /40 ²

Product description (with subcategory denotation according to Directive 2004/CE/42)	VOC limits (g/L including water)	SVOC limits (g/L including water)
i. One-pack performance coatings	80	50 ¹ /60 ²
j. Two-pack reactive performance coatings for specific end use such as floors	80	50 ¹ /60 ²
k. Decorative effect coatings	80	50 ¹ /60 ²
l. Anti-rust paints	80	60

¹ Indoor white paints and varnishes

² Indoor tinted paints/outdoor paints and varnishes

The VOC content shall be determined either by calculation based on the ingredients and raw materials or by using the methods given in ISO 11890-2 or, alternatively for products with a VOC content of less than 1.0g/l, the methods given in ISO 17895. The SVOC content shall be determined using the method given in ISO 11890-2. The test shall be carried out using the analytical system as identified in the Criteria User Manual. In the case of products used both indoors and outdoors the strictest SVOC limit value for indoor paints shall prevail.




i Interpretation of criterion:

The stricter VOC limit value for indoor paints shall be used where products are designed for both indoor and outdoor use.

Where the SVOC content is to be determined by calculation, and data for the calculation cannot in all cases be obtained from raw material suppliers or other reliable sources, then these ingredients and raw materials shall be treated as SVOCs for the purpose of the calculation, thereby representing a 'worst case scenario'.

Please note that Trim is defined as "finished mouldings, such as architraves, picture rails, cornices etc. used to decorate or border openings or wall surface." Cladding is defined as "any insulating or protective layer that is added to the outside of a structure".

Required documentation for Assessment and verification: VOCs SVOCs

-  For the VOC content of the ready to use product, the applicant shall provide either a test report using the methods given in ISO 11890-2 or ISO 17895 that demonstrates compliance; or a declaration of compliance supported by calculations based on the paint ingredients and raw materials.
-  For the SVOC content of the ready to use product, the applicant shall provide either a test report using the method given in ISO 11890-2; or a declaration of compliance supported by calculations based on the paint ingredients and raw materials. The test shall be carried out using the analytical system as identified in the guidance given below. At the request of a Competent Body applicants may be required to validate calculations using the specified test method.
-  [Declaration template of compliance for VOCs and SVOCs](#)

Interpretation of criterion:

Guidance on the determination of Semi-Volatile Organic Compounds (SVOC) using ISO 11890-2 (2013) (extending its scope)

Scope:

This guidance interprets the specifications of ISO 11890-2 to allow the running of a test to quantify paint SVOC content, either alone or in one run together with an ISO 11890-2 VOC test, so as to evaluate compliance with the requirements of the EU Ecolabel. This guidance should therefore be read alongside ISO 11890-2, but with the modified sample preparation method, apparatus and parameters specified taking precedence.

Sample preparation:

An organic solvent suitable for diluting the sample shall be used. It shall have a purity of at least 99% by mass. The recommended dilution solvent is methanol 100%. If necessary, the sample can be stirred during 30 minutes with application of ultrasound in order to achieve a homogenous liquid phase, or by mechanically stirring during two hours followed by centrifugation or a filtration step using a PTFE filter type for paints containing large, undissolved particles. In the case that a homogenous liquid phase cannot be achieved using methanol 100% then another suitable dilution solvent, such as acetonitrile or tetrahydrofuran, shall be used.

Note:

The marker compounds to be used are n-tetradecane (n-C14) and n-Docosane (n-C22). It may be necessary to prepare a marker solution containing these compounds in acetone due to the limited solubility of n-Docosane in acetonitrile.

Apparatus:

Capillary column:

- The preferred choice of column shall be one made of fused silica coated with 5% phenyl / 95% dimethyl

polysiloxane (slightly polar type, DB5 or equivalent).

- A column coated with 100% dimethyl polysiloxane (non-polar type, DB1 or equivalent) may be used if it can be shown to perform better for predominantly non-polar paint ingredients.

Note:

A suitable combination of column length (30m or 60m), diameter and temperature programme shall be selected such that compounds in the sample and the markers elute in the order of their increasing boiling points. A column length of 60m may be used to improve the elution order for the slightly polar column type.

Oven:

- Oven initial temperature: *between 40 and 100°C*
- Isothermal holding time: *between 2 and 5 min*
- Heating rate: *between 3 and 20°C/min*
- Oven final temperature: *between 280 and 325°C*
- Isothermal holding time: *>2min*
- Flow in the column: *between 1 and 2 ml/min*

Detector:

- Identification by mass spectrometer
- Quantification by flame ionization detector (FID)
- FID detector temperature: *Final oven temperature or higher*

Carrier gas:

- helium

Hot injection system:

- injector temperature : *between 250 and 280°C*
- injection volume: *between 1 and 2 µl*

Calibration:

- *the preferred internal standard for quantification of SVOC peaks shall be n-tetradecane (n-C14)*
- *an alternative internal standard, 1,2-diethoxyethane (also named ethylene glycol diethyl ether) can be used in order to achieve improved recovery values when analysing water-based paints.*

Note:

If the calibration procedures are run in an appropriate manner the selection of the internal standard should have no impact on the test result. However, it is important to ensure that the internal standard does not overlap or hide any peaks arising from the sample itself. It must therefore show a complete separation from other peaks in the chromatogram. A large choice of internal standards is thus possible but internal standards having very low boiling points (e.g. acetone...) or very high boiling points (C22 and more...) must be excluded to avoid any discriminatory phenomenon in the injector.

- *All SVOCs shall be identified as far as achievable, and then quantification shall be performed with their authentic calibration standards, as specified for VOCs in ISO 11890-2, or via their relative response factors.*
- *Remaining unknown SVOC peaks shall be quantified using the response factor of diethyl adipate, expressed*



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in diethyl adipate equivalents.

During the validity period of the criteria it is likely that ISO 11890-2 will be revised and its scope extended to also provide a test method for SVOC's. This guidance shall therefore be used in the interim until the standard is revised.

Criterion 5: Restriction of hazardous substances and mixtures

The final product shall not contain hazardous substances and mixtures in accordance with the rules set out in the following sub-criteria which apply to:

- Hazard classifications and risk phrases;
- Substances of Very High Concern;
- Specific other listed substances.

Applicants are required to evidence that the final product formulation complies with the overall assessment and verification requirements together with any additional requirements contained within Appendix 1.

i Interpretation of criterion:

Evidence of compliance with this criterion includes the applicant and their suppliers providing the CAS numbers and risk/hazard classifications of all the ingredients and final paint. This information may be contained in the Safety Data Sheets.

5(a) Overall restrictions to hazard classifications and risk phrases

The final product formulation, including all intentionally added ingredients present at a concentration of greater than 0,010 %, shall not, unless expressly derogated in Appendix 1, contain substances or mixtures classified as toxic, hazardous to the environment, respiratory or skin sensitisers, or carcinogenic, mutagenic or toxic for reproduction in accordance with Regulation (EC) No 1272/2008 of the European Parliament and of the Council⁸ or Council Directive 67/548/EC⁹ and as interpreted according to the hazard statements and risk phrases listed in Table 5.

⁸ Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (OJ L 353, 31.12.2008, p. 1).

⁹ Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances (OJ 196, 16.8.1967, p. 1).

Table 5: Restricted hazard classifications and their categorisation

Acute toxicity	
Category 1 and 2	Category 3
H300 Fatal if swallowed (R28)	H301 Toxic if swallowed (R25)
H310 Fatal in contact with skin (R27)	H311 Toxic in contact with skin (R24)
H330 Fatal if inhaled (R23/26)	H331 Toxic if inhaled (R23)
H304 May be fatal if swallowed and enters airways (R65)	EUH070 Toxic by eye contact (R39/41)

Specific target organ toxicity	
Category 1	Category 2
H370 Causes damage to organs (R39/23, R39/24, R39/25, R39/26, R39/27, R39/28)	H371 May cause damage to organs (R68/20, R68/21, R68/22)
H372 Causes damage to organs (R48/25, R48/24, R48/23)	H373 May cause damage to organs (R48/20, R48/21, R48/22)

Respiratory and skin sensitisation	
Category 1A	Category 1B
H317: May cause allergic skin reaction (R43)	H317: May cause allergic skin reaction (R43)
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled (R42)	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled (R42)

Carcinogenic, mutagenic or toxic for reproduction	
Category 1A and 1B	Category 2
H340 May cause genetic defects (R46)	H341 Suspected of causing genetic defects (R68)
H350 May cause cancer (R45)	H351 Suspected of causing cancer (R40)
H350i May cause cancer by inhalation (R49)	
H360F May damage fertility (R60)	H361f Suspected of damaging fertility (R62)
H360D May damage the unborn child (R61)	H361d Suspected of damaging the unborn child (R63)
H360FD May damage fertility. May damage the unborn child (R60, R60/61)	H361fd Suspected of damaging fertility. Suspected of damaging the unborn child (R62/63)
H360Fd May damage fertility. Suspected of damaging the unborn child (R60/63)	H362 May cause harm to breast fed children (R64)
H360Df May damage the unborn child. Suspected of damaging fertility (R61/62)	

Hazardous to the aquatic environment	
Category 1 and 2	Category 3 and 4
H400 Very toxic to aquatic life (R50)	H412 Harmful to aquatic life with long-lasting effects (R52/53)
H410 Very toxic to aquatic life with long-lasting effects (R50/53)	H413 May cause long-lasting effects to aquatic life (R53)
H411 Toxic to aquatic life with long-lasting effects (R51/53)	

Hazardous to the ozone layer

EUH059 Hazardous to the ozone layer (R59)

The most recent classification rules adopted by the Union shall take precedence over the listed hazard classifications and risk phrases. In accordance with Article 15 of Regulation (EC) 1272/2008 applicants shall therefore ensure that classifications are based on the most recent rules on the classification, labelling and packaging of substances and mixtures.

Applicants are required to calculate the hazard classification of the final paint product in order to demonstrate compliance. This shall be in accordance with the methodologies for the classification of mixtures contained in Regulation (EC) No 1272/2008 and all amending legislation. Equivalence between mixture classifications according to the Dangerous Substances Directive 67/548/EEC (referred to as DSD) and those made according to Regulation (EC) 1272/2008 (the CLP Regulation) can be found in Table 6.

The final product shall not be classified and labelled as being acutely toxic, a specific target organ toxicant, a respiratory or skin sensitiser, or carcinogenic, mutagenic or toxic for reproduction hazardous to the environment, in accordance with Regulation (EC) No 1272/2008 of the European Parliament and of the Council¹³ or Council Directive 67/548/EC¹⁴.

Table 6: Final product classification: CLP versus DSD equivalence

CLP Mixture classification	DSD equivalent
Acutely toxic	T or T+
Specific target organ toxicant	T, T+ or Xn
A respiratory or skin sensitiser	-
A carcinogen, mutagen or reproductive toxicant	Carcinogen, Mutagen or Reproductive toxicant categories 1-3
Hazardous to the environment	N (excluding R53 and R52/53)

ⓘ Interpretation of criterion:

In Assessment and Verification part (b) Measurement thresholds reference is made not just to intentionally added substances and mixtures but also to by-products and impurities from raw materials. Where specific by-products and impurities have been identified for verification these are specifically listed in Appendix 1.

If one supplier provides more than one raw material they can submit a common declaration of compliance listing all these raw materials, together with attached documentation, where required.



5(a)(i) Derogations applying to substance groups

For the purpose of this product group, derogations have been granted for defined groups of substances that may be contained within the final product. These derogations stipulate the hazard classifications that are derogated for each specific substance group and the associated derogation conditions and concentration limits that apply. The derogations are set out in the Appendix and apply to the following substance groups:

1. Preservatives added to colourants, binders and the final product
 - (a) In-can preservatives
 - (b) Tinting machine preservatives
 - (c) Dry film preservatives
 - (d) Preservative stabilisers
2. Drying and anti-skinning agents
 - a) Drying agents
 - b) Anti-skinning agents
3. Corrosion inhibitors
 - (a) Corrosion inhibitors
 - (b) Verdigris prevention
4. Surfactants
 - (a) General purpose surfactants
 - (b) Alkylphenoethoxylates (APEOs)
 - (c) Perfluorinated surfactants
5. Miscellaneous functional substances with general application
 - (a) Silicon resin emulsion in white paints, colourant and tinting bases
 - (b) Metals and their compounds
 - (c) Mineral raw materials including fillers
 - (d) Neutralising agents
 - (e) Optical brighteners
 - (f) Pigments
6. Miscellaneous functional substances with specialist applications
 - a) UV protectors and stabilisers
 - b) Plasticisers
7. Residual substances that may be present in the final product
 - (a) Formaldehyde
 - (b) Solvents

- (c) Unreacted monomers
- (d) Volatile Aromatic Compounds and halogenated compounds

8. Substances in binders and polymer dispersions*,

- (a) Binders and cross linking agents
- (b) Reaction products and residues

and that are present at concentrations of more than 0,010 %;

(*This shall apply once the amendment voted by MS in November 2015 is adopted by the Commission.)



This list is the minimum scope of verification for this sub-criterion. The substance groups listed require screening and verification in order to comply. This is highlighted in the required documentation for assessment and verification which states that verification is required for 'Paint or varnish formula ingredients that fall within the groups of substances listed in 5(a)(i) and that are present at concentrations of more than 0,010%'. The detailed verification requirements for each specified substance group can be found in Appendix 1.

5(a)(ii) Derogation conditions applying to production sites

Additional conditions relating to production of paints and varnishes shall apply in the case of derogations for acute toxins or specific target organ toxins. In this case applicants shall submit evidence that they have met the following requirements:

- Substances to which an acute toxic or specific target organ toxins classification applies shall demonstrate compliance with relevant European indicative Occupational Exposure Limit Values (OELVs) or Member State OELVs for the substance(s), with the strictest applying;

i Interpretation of criterion:

Certification bodies will crosscheck the derogated substances with the most up to date listing of IOELVs:

<https://osha.europa.eu/en/legislation/directives/exposure-to-chemical-agents-and-chemical-safety/osh-directives/commission-directive-2009-161-eu-indicative-occupational-exposure-limit-values>

and may check whether there is a stricter OELV in force in the Member State in which the application is made.

Formal documentary evidence of compliance based on monitoring data from production lines for the product compliant with the EU Ecolabel shall be provided, with a preference for data submitted to and verified by a national regulatory body.

- Where there is no reference OELV then the applicant shall demonstrate how health and safety procedures for the handling of the ingoing substance(s) at production sites for the final EU Ecolabelled paint product minimise exposure;
-

i Interpretation of criterion:



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To comply with this requirement, the applicant must provide the Standard Operating Procedures and chemical exposure and risk assessments related to handling and monitoring of the specific substances at relevant stages in the production of the paint compliant with the EU Ecolabel. Formal documentation which has been submitted to a national regulatory body shall be preferred. Third party certifications such as OHSAS 18001 may also be accepted.

The following guidance may be of use:


https://osha.europa.eu/data/links/practical-guidelines-of-a-non-binding-nature-on-the-protection-of-the-health-and-safety-of-workers-from-the-risks-related-to-chemical-agents-at-work?utm_source=oshmail&utm_medium=email&utm_campaign=index.html

- Substances to which a classification applies as an aerosol or vapour shall demonstrate that workers are not exposed in this form;
- Substances to which the classification applies to in their dry form shall demonstrate that workers cannot come into contact with the substance in this form during manufacturing.

i Interpretation of criterion:

For these two points, the applicant shall provide information on the relevant part of the production line and the form in which the substance is handled/processed. This shall be supported by chemical exposure and risk assessments and by photographic evidence of the production process and the procedures applied by workers (e.g. form of PPE). Formal documentation which has been submitted to and verified by a national regulatory body shall be the preferred form of evidence.

Required documentation for Assessment and verification: hazardous substances

 The applicant shall demonstrate compliance with this criterion by providing a declaration of the classification and/or non-classification for:


- The final paint or varnish product based on the methodologies for the classification of mixtures contained in Regulation (EC) No 1272/2008 and all amending legislation
- Paint or varnish formula ingredients that fall within the groups of substances listed in 5(a)(i) and that are present at concentrations of more than 0,010%

This declaration shall be based on information collected according to the requirements in Appendix 1. Active ingredients to which specific concentration limits may apply under Regulation (EC) No 1272/2008 and which may fall below the cut-off value of 0.010 % shall also be identified.

The following technical information shall be provided to support the declaration of the classification or non-classification of ingredients:

- (i) For substances that have not been registered under the REACH Regulation or which do not yet have a harmonised CLP classification: Information meeting the requirements listed in Annex VII to the REACH Regulation;
- (ii) For substances that have been registered under the REACH Regulation and which do not meet the requirements for CLP classification: Information based on the REACH registration dossier confirming the non-classified status of the substance;
- (iii) For substances that have a harmonised classification or are self-classified: safety data sheets where available. If these are not available or the substance is self-classified then information shall be provided relevant to the substances hazard classification according to Annex II to the REACH Regulation;
- (iv) In the case of mixtures: Safety data sheets where available. If these are not available then calculation of the mixture classification shall be provided according to the rules under Regulation (EC) No 1272/2008 together with information relevant to the mixtures hazard classification according to Annex II to the REACH Regulation;

Substances and mixtures shall be characterised in accordance with sections 10, 11 and 12 of Annex II to the REACH Regulation (Requirements for the Compilation of Safety Data Sheets). This shall include information on the physical form and state of the ingredients and shall include identification of manufactured nanomaterial ingredients for which 50 % or more of the particles in the number size distribution have one or more external dimensions in the size range 1 nm-100 nm.

 The applicant shall also identify substances and mixtures used in the paint formulation which fall under the specific requirements for derogation as set out in Appendix 1. For each derogated substance or mixture supporting information shall be provided showing how the derogation requirements have been met.

 [Declaration template: Compliance for Restriction of hazardous substances and mixtures](#)

 [Declaration template: Criterion 5\(a\)\(ii\) Derogation conditions applying to production sites](#)


5(b) Restrictions that apply to Substances of Very High Concern


In accordance with Article 6(7) of Regulation (EC) No 66/2010 the final product and any ingredients or raw materials, shall not, unless specifically derogated, contain substances that:

- Meet the criteria in Article 57 of the REACH Regulation;
- Have been identified according to the procedure described in Article 59(1) of the REACH Regulation which establishes the Candidate List for Substances of Very High Concern.

No derogation shall be given concerning substances that meet one or both of these conditions, and which are present in a paint or varnish product at concentrations higher than 0.10 % (weight by weight).

Required documentation for Assessment and verification: VOCs SVOCs

 The applicant shall provide a declaration of compliance with this criterion, supported by declarations of compliance signed by their suppliers. Applicants shall demonstrate that they have carried out a screening of ingoing substances against the current Candidate List for Substances of Very High Concern and the criteria in Article 57 of the REACH Regulation.


 [Declaration template: Restrictions that apply to Substances of Very High Concern](#)


5(c) Restrictions that apply to specific hazardous substances

The final product shall not contain the hazardous substances that are specifically identified in Appendix 1 at or above the specified concentration limits. The restrictions on substances in Appendix 1 apply to the following paint and varnish ingredients and residues:

- (i) Dry film preservatives
- (ii) Tinting machine preservatives
- (iii) In-can preservatives
- (iv) Preservative stabilisers
- (v) Alkylphenoethoxylates (APEOs) surfactants
- (vi) Perfluorinated surfactants
- (vii) Metals and their compounds
- (viii) Pigments
- (ix) Plasticisers
- (x) Free formaldehyde

Required documentation for Assessment and verification: Hazardous substances (restrictions)

-  Verification and testing requirements are as specified in Appendix 1 for each substance and as relevant to specific forms of paint and varnish.

 *Note: this requirement is fully addressed under the declarations covered within Part D. The derogation declarations can be found in the [derogation list](#)*

Interpretation of criterion:

For the purpose of the EU Ecolabel the following definition of 'APEOs and their derivatives' shall apply:

- Nonyl or octylphenol base structures (branched or linear) with variable ethoxylate chain lengths i.e. NPnEO or OPnEO
- Isomers of NPEO or OPEO (e.g. chains on 2nd position of phenyl ring instead of 4th)
- Nonyl or octylphenol base structures with additional phosphate or sulphate groups (ionic surfactant forms)

Substitution of the alkyl group by, for example, an aryl group would not fall within the proposed definition because it does not include the whole base structure i.e. the alkylphenol group.

Criterion 6: Consumer information

6(a) The following texts shall appear on or be attached to the packaging:


- “Minimise paint wastage by estimating how much paint you will need”
- “Recover unused paint for re-use”
- “Reuse of paint can effectively minimise the products’ life cycle environmental impact”

6(b) The following general information and advice shall be provided on or be attached to the packaging:


- How to estimate the amount of paint needed prior to purchase in order to minimise paint wastage and a recommended amount as a guideline (e.g. for 1 m² of wall x litres of paint is needed).
- How to deal with the "unused paint" together with, where available, a web-link or contact details from which the consumer can find more detailed information.

6(c) The following advice and recommendations on how to handle the paint shall be provided on or be attached to the packaging:

- Safety measures for the user. This shall include basic recommendation on personal protective equipment that should be worn. It shall also include additional measures that should be taken when using spray equipment.
- The use of cleaning equipment and appropriate waste management (in order to limit water and soil pollution). For example, text advising that unused paint requires specialist handling for safe environmental disposal and therefore it should not be thrown away with household or commercial waste (e.g. “Do not put residual paint down the kitchen sink or toilet, or into a waste bin”).
- Storage of the paint in appropriate conditions (before and after opening), including, where appropriate, safety advice.

 *Note that the Competent Body may ask for sample of packaging to check these requirements are being fulfilled.*

Required documentation for Assessment and verification: Consumer information

 The applicant shall declare that the product complies with the requirement and provide the Competent Body with the artwork or samples of the user information and/or a link to a manufacturer's website containing this information as part of the application. The recommended amount of paint given as a guideline shall be provided.

 [Declaration template: Consumer information](#)

Criterion 7: Information appearing on the EU Ecolabel

The optional label with text box shall contain, where relevant, the following texts:

- Minimised content of hazardous substances;
- Reduced content of volatile organic compounds (VOCs): x g/L;
- Good performance for indoor use (where indoor criteria have been met); or
- Good performance for outdoor use (where outdoor criteria have been met); or
- Good performance for both indoor and outdoor use (where both indoor and outdoor criteria have been met).



The guidelines for the use of the optional label with text box can be found in the "Guidelines for use of the Ecolabel logo" on the website:

http://ec.europa.eu/environment/ecolabel/documents/logo_guidelines.pdf



Note that the Competent Body may ask for sample of packaging to check these requirements are being fulfilled.

Required documentation for Assessment and verification: Information on the Ecolabel



The applicant shall provide a sample of the product label or an artwork of the packaging where the EU Ecolabel is placed, together with a declaration of compliance with this criterion.



[Declaration template: Information appearing on the EU Ecolabel](#)

Part C: Application Form



Please contact your Competent Body to learn how your completed application form should be submitted.

See section 1.4 Where do I apply? For further details of where to send your application once completed.



Applicants should also provide a technical dossier of laboratory test reports and send this **in duplicate** to the Competent Body, and keep an up-to-date file on their premises showing continuing compliance with the criteria. Equivalent test methods, others than the ones indicated by the formal Commission Decision may be used provided the test methods have been approved by the awarding Competent Body.



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Applicant information

Applicant's full company name and address:

Contact person:

Position:

Phone:

Fax:

Email:

Website:

VAT number or equivalent if relevant:

If relevant, existing licence number: XX/YYYY

In what capacity are you applying for the EU Ecolabel (tick as appropriate):

Manufacturer...

Importer...

Service provider...

Wholesaler...

Retailer...

Product Information

What product group are you applying for?

Please give general specification of the product(s), including registered name(s) i.e. Trade name, trademarks, paint type/description

Name and address of manufacturing site(s) (if different from above)

In case the product is made outside the European Economic Area market (European Union plus Iceland, Lichtenstein and Norway), please confirm the country where it has been or will be placed on the market.

Please state EU countries in which this product is sold in the same form (if sold under different names, please state names to be registered)

Information on the application

<i>Is this the first application for the EU Ecolabel for the product(s) specified above</i>	Yes... <input type="checkbox"/>	No... <input type="checkbox"/>
<i>If no, please state when and where the first application was made, and with what outcome</i>		
<i>Is this an application to add a new product (i.e. with a technical formulation not covered by an existing Ecolabel that you hold) to a licence for a product range already covered by an Ecolabel? (if so, please give details of the existing Ecolabel)</i>	Yes... <input type="checkbox"/> No... <input type="checkbox"/>	Details:
<i>Please indicate if an application for the same product has been successful under other environment label schemes (e.g. the Nordic Ecolabel or Blue Angel)</i>	Yes... <input type="checkbox"/>	No... <input type="checkbox"/>
<i>Does the laboratory where the tests were conducted meet the general requirements expressed in standard EN ISO 17025</i>	Yes... <input type="checkbox"/>	No... <input type="checkbox"/>

Application fees:



An invoice will be sent when the application and the attached declarations are received. Before the application can be processed, the applicant must pay the application fee relevant for the company. Please refer to your Competent Body for fees.



This declaration to be used so that the Competent Body can set the appropriate application and eventually annual licence fees for the EU Ecolabel cf. Regulation (EC) No 66/2010 of The European Parliament and of The Council of 25 November 2009 on the EU Ecolabel Appendix III.

All questions below have to be answered before handling of the application can begin.

Declaration: Type of Company <i>to be completed by the applicant</i>	
<i>Is the company a micro sized company as defined in the Commission's Recommendation 2003/361/EC - i.e. under 10 employees and an annual turnover or total annual balance not exceeding 2 mill. Euro?</i>	Yes... <input type="checkbox"/> No... <input type="checkbox"/>
<i>Is the company a small or medium sized company as defined in the Commission's Recommendation 2003/361/EC – i.e. under 250 employees and an annual turnover not exceeding 50 mill. Euro or total annual balance not exceeding 43 mill. Euro?</i>	Yes... <input type="checkbox"/> No... <input type="checkbox"/>
<i>Is the company situated in a developing country (as defined in the OECD's Development Assistance Committee's list of countries receiving development aid)?</i>	Yes... <input type="checkbox"/> No... <input type="checkbox"/>
<i>Is the company registered under EMAS and/or certified under ISO 14001 and has the company in its environmental policy, committed to maintain compliance of its EU Ecolabel products with the EU Ecolabel product group criteria throughout the contract's period of validity?¹⁰</i>	Yes... <input type="checkbox"/> No... <input type="checkbox"/>
<i>Date:</i>	
<i>Company Name:</i>	
<i>Company Stamp:</i>	
<i>Responsible person's signature</i>	
<i>Print in capitals the name of above signatory</i>	

¹⁰ If confirmed the company must send a copy of the annual affirmative environmental statement (EMAS) or valid ISO 14001 certificate and copy of the companies environmental policy and objectives (ISO 14001) in connection with the application and information on the annual turnover.



Applicant's undertaking to be completed by the applicant

As the applicant for an EU Ecolabel, I hereby declare that:

I understand and accept the provisions of Regulation EC No. 66 / 2010 on the EU Ecolabel scheme, and in particular Article 6, paragraph 6, which states that the EU Ecolabel may not be awarded to goods containing substances or preparations/ mixtures meeting the criteria for classification as toxic, hazardous to the environment, carcinogenic, mutagenic or toxic for reproduction (CMR), in accordance with Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures [11], nor to goods containing substances referred to in Article 57 of Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency. (Note that Article 7 enables the Commission to adopt measures to grant derogations from paragraph 6 under certain conditions);

I undertake to ensure that the product complies with the EU Ecolabel criteria at all times and to notify [^{}
_____]
_____] immediately of any significant modification to it or to the production processes.*

I take responsibility for the correct and proper use of the EU Ecolabel logo.

Signed:

Name in capitals:

Position in company:

Date:

Company stamp:

** Insert name of Competent Body*

Part D: Declarations

Summary of declarations:

Click to view

- [Criterion 1 \(a\) – White pigment content \(indoor and outdoor\)](#)
- [Criterion 1 \(b\) – Wet scrub resistance](#)
- [Criterion 2 – TiO₂ declaration of non/low use](#)
- [Criterion 2 – TiO₂ emissions declaration](#)
- [Criterion 3\(a\) – Spreading rate](#)
- [Criterion 3\(b\) – Water resistance](#)
- [Criterion 3\(c\) – Adhesion](#)
- [Criterion 3\(d\) – Abrasion](#)
- [Criterion 3\(e\) – Weathering](#)
- [Criterion 3\(f\) – Water vapour permeability](#)
- [Criterion 3\(g\) – Liquid water permeability](#)
- [Criterion 3\(h\) – Fungal and algal resistance](#)
- [Criterion 3\(i\) – Crack bridging](#)
- [Criterion 3\(j\) – Alkali resistance](#)
- [Criterion 3\(k\) – Corrosion resistance](#)
- [Criterion 4 – VOC and SVOC content](#)
- [Criterion 5\(a\) – Restriction of hazardous substances and mixtures](#)
- [Criterion 5\(a\)\(ii\) Derogation conditions applying to production sites](#)
- [Criterion 5\(b\) Restrictions that apply to Substances of Very High Concern](#)

Derogation list

- [Annex A: 1 Preservatives added to colourants, binders and the final product](#)
- [Annex A: 1\(a\) in-can preservatives](#)
- [Annex A: 1\(b\) Tinting machine preservatives](#)
- [Annex A: 1\(c\) Dry film preservatives](#)
- [Annex A: 1\(d\) Dry film preservatives stabilizer](#)
- [Annex A: 2\(a\) Driers](#)
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- [Annex A: 4\(a\) General purpose surfactants](#)
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- [Annex A: 5\(a\) Silicon resin emulsion in white paints, colourant and tinting bases](#)
- [Annex A: 5\(b\) Metals and their compounds](#)
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- [Annex A: 6\(a\) UV protectors and stabilising agents](#)
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[Annex A: 7\(a\) Formaldehyde](#)

[Annex A: 7\(b\) Solvents](#)

[Annex A: 7\(c\) Unreacted monomer](#)

[Annex A: 7\(d\) Volatile Aromatic Hydrocarbons and halogenated solvents](#)

[Criterion 6 - Consumer information](#)

[Criterion 7 - Information appearing on the EU Ecolabel](#)



Declaration: Criterion 1 (a) – White pigment content (indoor and outdoor)

Declaration: Criterion 1 (a) – White pigment content (indoor and outdoor) to be completed by the applicant

(Please either declare non-use or provide information the amount of white pigment within the paint)
 As the applicant for paints and varnishes that comply with the EU Ecolabel. I the undersigned, declare that the paints and varnishes do not contain white pigment.
 In pre-mixed paints, test results shall be provided on white paint, colour RAL 9010. Where the paint is not produced in a white paint, colour RAL 9010, test results on the paint with the most white pigment shall be provided. In tinting systems, test results shall be on the base paint. Where more than one base is used, the base with most white pigment shall be provided.

(Please attach supporting documentation and detailed calculations)

Requirement	Result
Indoor wall and ceiling paints with wet scrub resistance Class 1 claims ($\leq 40 \text{ g/m}^2$)* Indoor wall and ceiling paints with wet scrub resistance Class 2 claims ($\leq 36 \text{ g/m}^2$)* Indoor wall and ceiling paints with no wet scrub resistance claims ($\leq 25 \text{ g/m}^2$)* *m² of dry film with 98% opacity measuredg/m ²
Outdoor paints ($\leq 38 \text{ g/m}^2$)* Indoor paints or combined indoor/outdoor paints other than wall and ceiling paints ($\leq 36 \text{ g/m}^2$)* *m² of dry film with 98% opacity measuredg/m ²
Indicate if this criterion is not applicable to the product together with the reason why.	Not applicable because:
Signature of person bearing legal responsibility:	



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Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration: Criterion 1 (b) –Wet scrub resistance (indoor)

Declaration: Criterion 1 (b) –Wet scrub resistance (indoor) to be completed by the applicant

In case indoor tinting systems are assessed, only the tinting bases will be tested.

Please provide evidence of the text used on the packaging to indicate the wet scrub resistance of the paint.

(please attach the evaluation/test report)

Requirement	Test method	Test result
Wet scrub resistance of class 2 (< 20 microns after 200 cycles) Wet scrub resistance of class 1 (<5 microns after 200 cycles)	EN 13300 and EN ISO 11998 or equivalent_____	Class : Number of microns after 200 cycles:
Signature of person bearing legal responsibility:		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		



Declaration: Criterion 2 – TiO₂ declaration of non/low use

Declaration: Criterion 2 – TiO₂ declaration of non/low use to be completed by the applicant

(Please complete if the paint or varnish contains does not exceed 3.0% w/w TiO₂)

*As the manufacturer/importer/retailer for paints and varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the product formulation does not contain **more than 3.0%** w/w of titanium dioxide.*

Signature of person bearing legal responsibility:

Position held

Company Name in CAPITALS:

Date:

Company Stamp:



Declaration: Criterion 2 – TiO₂ emissions declaration Duplicate for each TiO₂ supplier

Declaration: Criterion 2 – TiO₂ emissions declaration Duplicate for each TiO₂ supplier

(Please complete either this declaration for each supplier of TiO₂ if the paint contains more than 3% w/w TiO₂)

As the supplier of TiO₂ for paints and varnishes that comply with the EU Ecolabel, I hereby declare that: I the undersigned, undertake to formally respect the following values, concerning the production of Titanium dioxide on the following site(s):

(Please attach documentation supporting this declaration)

Requirement	Value (kg/tonne of TiO ₂ produced)
SO _x emissions (expressed as SO ₂) ≤ 7.0 kg/tonne TiO ₂ pigment	
Sulphate wastes ≤ 500 kg/tonne TiO ₂ pigment	
Natural rutile: Chloride wastes ≤ 103 kg chloride waste/tonne TiO ₂ pigment	
Synthetic rutile: Chloride wastes ≤ 179 kg chloride waste /tonne TiO ₂ pigment	
Slag ores: Chloride wastes ≤ 329 kg chloride waste /tonne TiO ₂ pigment	
Chloride by-product	



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Responsible person's signature:	
Position held	
Company Name (of the TiO₂ producer) in CAPITALS:	
Date:	
Signature of person bearing legal responsibility:	

Declaration: Criterion 3(a) – Spreading rate (indoor and outdoor)

Declaration: Criterion 3(a) – Spreading rate (indoor and outdoor) to be completed by the applicant

This criterion only applies to white or light coloured paint.

Attach evidence of information provided to the user on which basecoat to use before applying the darker paint shades.

(Please attach the evaluation/test report)

Requirement	Test method	Test result
Indoor paints ($\geq 8 \text{ m}^2/\text{L}$) Outdoor paints ($\geq 6 \text{ m}^2/\text{L}$)	ISO 6504/1 or ISO 6504/3 or equivalent _____ (indicate method and provide evidence of equivalence) m^2/L
Indoor thick decorative coatings ($\geq 1 \text{ m}^2/\text{kg}$)	NF T 30 073 or equivalent _____ (indicate method and provide evidence of equivalence) m^2/kg
Opaque primers and undercoats ($\geq 8 \text{ m}^2/\text{L}$) Semi-transparent primers and Primers with specific properties ($\geq 6 \text{ m}^2/\text{L}$)*	ISO 6504/1 or ISO 6504/3 or equivalent _____ (indicate method and provide evidence of equivalence) m^2/L
Primers (indoor & outdoor) with specific blocking/ sealing, penetrating/ binding properties or special adhesion properties ($\geq 6 \text{ m}^2/\text{L}$)	ISO 6504/1 or ISO 6504/3 or equivalent _____ (indicate method and provide evidence of equivalence) m^2/L
Opaque elastomeric paints ($\geq 4 \text{ m}^2/\text{L}$)	ISO 6504/1 or ISO 6504/3 or equivalent _____ (indicate method and provide evidence of equivalence) m^2/L
Signature of person bearing legal responsibility:		
Position held		
Company Name in CAPITALS:		
Date:		



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Company Stamp:

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Declaration: Criterion 3(b) – Water resistance (indoor and outdoor)

Declaration: Criterion 3(b) – Water resistance (indoor and outdoor) to be completed by the applicant

This test is only applicable to all varnishes, floor coatings and floor paints

(Please attach the evaluation/test report)

Requirement	Test method	Test result
After 24 hours exposure and 16 hours recovery no change of gloss or of colour	ISO 2812-3 or equivalent _____ (indicate method and provide evidence of equivalence)	Yes/No
Signature of person bearing legal responsibility:		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		



Declaration: Criterion 3(c) – Adhesion (indoor and outdoor)

Declaration: Criterion 3(c) – Adhesion (indoor and outdoor) to be completed by the applicant

This test is only applicable to the paints identified in the requirements below.

Note: transparent primers are not included in this test

Has the adhesion test been performed with a separate primer? Y/N

Name of primer _____

Manufacturer _____

Does the primer hold an EU Ecolabel? Y/N

(Please attach the evaluation/test report)

Requirement	Test method	Test result
Floor coatings, floor paints, floor undercoats, interior masonry primers, metal and wood undercoats: score ≤ 2	EN ISO 2409 or equivalent _____ (indicate method and provide evidence of equivalence)
Pigmented masonry primers excluding transparent primers: a pass*, or an adhesive strength above 1.5 MPa *A coating is deemed to have gained a pass where its adhesive strength is greater than the cohesive strength of the substrate	EN 24624 (ISO 4624) or equivalent _____ (indicate method and provide evidence of equivalence)



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Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Criterion 3(d) – Abrasion (indoor and outdoor)

Declaration: Criterion 3(d) – Abrasion (indoor and outdoor) to be completed by the applicant		
<i>Applicable for floor coatings and floor paints.</i> <u>Please attach the evaluation/test report</u>		
Requirement	Test method	Test result
Abrasion resistance not exceeding 70 mg weight loss after 1000 cycles with a 1000 g load and a CS10 wheel	EN ISO 7784-2 or equivalent _____ (indicate method and provide evidence of equivalence) mg weight loss
Signature of person bearing legal responsibility:		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		

Declaration: Criterion 3(e) – Weathering (outdoor)

Declaration: Criterion 3(e) – Weathering (outdoor) *to be completed by the applicant*

Applicable for all outdoor paints.

Masonry finish paints and wood and metal finishes (including varnishes) shall be weathered using the method described in ISO 16474-1:2013. The product shall be exposed to test conditions for 1000 hours. Test conditions are: UVA 4h/60 °C + humidity 4h/50 °C.

Alternatively, for wood paints, weathering can be achieved using the method described in EN 927-6. The test shall include weathering for 1000 hours in the QUV accelerated weathering apparatus with cyclical exposure.

Due to the large possible number of colours in tinting systems these tests are restricted to base paints when evaluating tinting systems.

Note, ISO 7724-3 was superseded early in 2014 by ISO 11664-6, which shall therefore be accepted as equivalent.

Please attach the evaluation/test reports

Requirement	Test method	Test result
Colour change shall not exceed $\Delta E^* = 4$ (not applicable for varnishes and bases)	ISO 7724-3 or equivalent _____ (indicate method and provide evidence of equivalence)	
Gloss decrease shall not exceed 30% of the -initial value (Not applicable for mid-sheen and matt finishes)	ISO 2813 or equivalent _____ (indicate method and provide evidence of equivalence)	
Chalking score shall be ≤ 1.5	ISO 4628-6:2007 or equivalent _____ (indicate method and provide evidence of equivalence)	
For masonry finish coats and wood and metal finishes		
Flaking score shall be: a flake density of ≤ 2 a flake size of ≤ 2	ISO 4628-5:2003 or equivalent _____ (indicate method and provide evidence of equivalence)	



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Cracking score shall be: a crack quantity of ≤ 2 a crack size of ≤ 3	ISO 4628-4:2003 or equivalent _____ (indicate method and provide evidence of equivalence)	
Blistering score shall be: a blister density of ≤ 3 a blister size of ≤ 3	ISO 4628-2 or equivalent _____ (indicate method and provide evidence of equivalence)	
Signature of person bearing legal responsibility:		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		

Declaration: Criterion 3(f) – Water vapour permeability (outdoor - masonry and concrete paints)

Declaration: Criterion 3(f) – Water vapour permeability (outdoor - masonry and concrete paints) *to be completed by the applicant*

Only applicable if there is a claim on this criterion.

Due to the large possible number of colours in tinting systems these tests are restricted to base paints when evaluating tinting systems.

(Please attach the evaluation/test report)

Requirement	Test method	Test result
Water vapour permeability of Class II or better ($V > 15$ or $s_d < 1.4$)	EN 7783-1 or equivalent _____ (indicate method and provide evidence of equivalence)	
Signature of person bearing legal responsibility:		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		

H. Declaration: Criterion 3(g) – Liquid water permeability (outdoor - masonry and concrete paints)

H. Declaration: Criterion 3(g) – Liquid water permeability (outdoor - masonry and concrete paints) *to be completed by the applicant*

All masonry paints shall be classified at least as **class II** (medium liquid permeability) or better according to the test method EN 1062-3.

Where claims are made that exterior masonry and concrete paints are **water repellent or elastomeric**, the coating shall be classified as **class III** (low liquid permeability) according to method EN 1062-3”

Due to the large possible number of colours in tinting systems these tests are restricted to base paints when evaluating tinting systems.

(Please attach the evaluation/test report)

Requirement	Test method	Test result
Liquid water permeability of Class II or better (W≤0.5)	EN 1062-3:1999 or equivalent _____ (indicate method and provide evidence of equivalence)	
Liquid water permeability of Class III (W≤0.1)		
Signature of person bearing legal responsibility:		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		

**Declaration: Criterion 3(h) – Fungal and algal resistance
to be completed by the applicant**

This declaration is only applicable if there is a claim on this criterion.

Due to the large possible number of colours in tinting systems these tests are restricted to base paints when evaluating tinting systems.

(Please attach the evaluation/test report, where appropriate)

Requirement	Test method	Test result
Masonry paints fungal resistance score of ≤ 1 and algal resistance score of ≤ 1	EN 15457 and EN 15458 or equivalent _____ (indicate method and provide evidence of equivalence)	
Wood paints fungal resistance score of =0 and algal resistance score of =0	EN 15457 and EN 15458 or equivalent _____ (indicate method and provide evidence of equivalence)	
Signature of person bearing legal responsibility:		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		

Declaration: Criterion 3(i) – Crack bridging (outdoor - masonry or concrete paints)

Declaration: Criterion 3(i) – Crack bridging (outdoor - masonry or concrete paints) to be completed by the applicant

*This declaration is only applicable if there is a claim on this criterion.
 Due to the large possible number of colours in tinting systems these tests are restricted to base paints when evaluating tinting systems.*

(Please attach the evaluation/test report)

Requirement	Test method	Test result
Crack bridging classification of A1 at 23 °C	EN 1062-7:2004 or equivalent _____ (indicate method and provide evidence of equivalence)	
Signature of person bearing legal responsibility:		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		



Declaration: Criterion 3(j) – Alkali resistance (outdoor - masonry paints/primers)

Declaration: Criterion 3(j) – Alkali resistance (outdoor - masonry paints/primers)

to be completed by the applicant

Due to the large possible number of colours in tinting systems these tests are restricted to base paints when evaluating tinting systems.

(Please attach the evaluation/test report)

Requirement	Test method	Test result
No noticeable damage when the coating is spotted for 24 hours with 10% NaOH solution	ISO 2812-4:2007 or equivalent _____ (indicate method and provide evidence of equivalence)	
Signature of person bearing legal responsibility:		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		

K. Declaration: Criterion 3(k) – Corrosion resistance (outdoor - anti-rust paints for steel substrates)

K. Declaration: Criterion 3(k) – Corrosion resistance (outdoor - anti-rust paints for steel substrates) to be completed by the applicant

This declaration is only applicable if there is a claim on this criterion.

Where a paint claims corrosion resistance the appropriate test procedures and conditions shall be used as defined within ISO 12944-6. The test procedures and conditions, as a minimum, shall meet 'medium' durability ranges for the specific corrosivity category.

Other test procedures may be necessary to show compliance with this criterion depending on the corrosivity category claimed. For example, it may be necessary to perform a test using water condensation to ISO 6270. These tests are detailed within ISO 12944-6.

Note that the neutral salt spray test defined in ISO 12644-6 has been superseded by ISO 9227.

Due to the large possible number of colours in tinting systems these tests are restricted to base paints when evaluating tinting systems.

(Please attach the evaluation/test report)

Requirement	Test method	Test result
Blistering size 3 and density 3		
Rusting test not worse than Ri2		
Signature of person bearing legal responsibility:		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		

Declaration: Criterion 4 – VOC and SVOC content (applicable to all products)

Declaration: Criterion 4 – VOC and SVOC content (applicable to all products)

to be completed by the applicant

Either provide declarations of compliance based on the ingredient list or an evaluation report based on ISO 11890-2. For SVOCs, testing shall be carried out according to the guidance extending ISO 11890-2 provided in this User Manual.

*I the undersigned, declare that the VOCs limit quoted below is accurate and based on a calculation of the ingredient list or testing according to ISO 11890-2 **(delete or as appropriate and please attach evidence)**.*

*I the undersigned, declare that the SVOCs limit quoted below is accurate and based on: a calculation of the ingredient list or testing according to the guidance extending ISO 11890-2. **(delete as appropriate and please attach evidence)**.*

Category	Limit (g/l)	Result ⁴ (g/l)	Limit (g/l)	Result ⁴ (g/l)
a. Interior matt walls and ceilings (Gloss <25@60°)	10		30 ² /40 ³	
b. Interior glossy walls and ceilings (Gloss >25@60°)	40		30 ² /40 ³	
c. Exterior walls of mineral substrate	25		40	
d. Interior/Exterior trim and cladding paints for wood and metal	80		50 ² /60 ³	
e. Interior trim varnishes and woodstains, including opaque woodstains	65		30	
e. Exterior trim varnishes and woodstains, including opaque woodstains	75		60	



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f. Interior and Exterior minimal build woodstains	50		30 ² /40 ³	
g. Primers	15		30 ² /40 ³	
h. Binding primers	15		30 ² /40 ³	
i. One-pack performance coatings	80		50 ² /60 ³	
j. Two-pack reactive performance coatings for specific end use such as floors	80		50 ² /60 ³	
k. Decorative effect coatings	80		50 ² /60 ³	
l. Anti-rust paints	80		60	
<p>¹ person bearing the legal responsibility</p> <p>² Indoor white paints and varnishes</p> <p>³ Indoor tinted paints/outdoor paints and varnishes</p> <p>⁴ All values are measured and should be given 'including water at ready to use' concentration</p>				
Signature of person bearing legal responsibility:				
Position held				
Company Name in CAPITALS:				
Date:				
Company Stamp:				

Declaration: Criterion 5(a) – Restriction of hazardous substances and mixtures

Declaration: Criterion 5(a) – Restriction of hazardous substances and mixtures *to be completed by the applicant*

As the manufacturer/importer/retailer of paints and varnishes that comply with the EU Ecolabel, I, the undersigned, hereby declare that the product is compliant with criterion 5(a) of the EU Ecolabel criteria for paints and varnishes, and have supplied the required supporting information.

Attach a list of ingredients along with their risk or hazard phrases that are present in concentrations greater than 0.010%. Also attach a list of ingredients along with their risk or hazard phrases active ingredients to which specific concentration limits may apply under Regulation (EC) No 1272/2008 but which may fall below the cut-off value of 0.010 %.

Attach classification and/or non-classification for the final paint or varnish product based on the methodologies for the classification of mixtures contained in Regulation (EC) No 1272/2008 and all amending legislation

NOTE: The following technical information shall be provided to support the declaration of the classification or non-classification of ingredients:

- (i) For substances that have not been registered under the REACH Regulation or which do not yet have a harmonised CLP classification: Information meeting the requirements listed in Annex VII to the REACH Regulation;*
- (ii) For substances that have been registered under the REACH Regulation and which do not meet the requirements for CLP classification: Information based on the REACH registration dossier confirming the non-classified status of the substance;*
- (iii) For substances that have a harmonised classification or are self-classified: safety data sheets where available. If these are not available or the substance is self-classified then information shall be provided relevant to the substances hazard classification according to Annex II to the REACH Regulation;*
- (iv) In the case of mixtures: Safety data sheets where available. If these are not available then calculation of the mixture classification shall be provided according to the rules under Regulation (EC) No 1272/2008 together with information relevant to the mixtures hazard classification according to Annex II to the REACH Regulation;*

Substances and mixtures shall be characterised in accordance with sections 10, 11 and 12 of Annex II to the REACH Regulation (Requirements for the Compilation of Safety Data Sheets). This shall include information on the physical form and state of the ingredients and shall include identification of manufactured nanomaterial ingredients for which 50 % or more of the particles in the number size distribution have one or more external dimensions in the size range 1 nm-100 nm.



Declaration: Criterion 5(a) – Restriction of hazardous substances and mixtures
to be completed by the applicant

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration: Criterion 5(a)(ii) Derogation conditions applying to production sites

Declaration: Criterion 5(a)(ii) Derogation conditions applying to production sites

Additional conditions relating to production of paints and varnishes shall apply in the case of derogations for acute toxins or specific target organ toxins. In this case applicants shall submit evidence that they have met the following requirements:

- *Substances to which an acute toxic or specific target organ toxins classification applies shall demonstrate compliance with relevant European indicative Occupational Exposure Limit Values (OELVs) or Member State OELVs for the substance(s), with the strictest applying;*
- *Where there is no reference OELV then the applicant shall demonstrate how health and safety procedures for the handling of the ingoing substance(s) at production sites for the final EU Ecolabelled paint product minimise exposure;*
- *Substances to which a classification applies as an aerosol or vapour shall demonstrate that workers are not exposed in this form;*
- *Substances to which the classification applies to in their dry form shall demonstrate that workers cannot come into contact with the substance in this form during manufacturing.*

Please attach documentary evidence to show compliance with this criterion.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Criterion 5(b) Restrictions that apply to Substances of Very High Concern

Declaration: Criterion 5(b) Restrictions that apply to Substances of Very High Concern *to be completed by the applicant*

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that in accordance with Article 6(7) of Regulation (EC) No 66/2010 the final product and any ingredients or raw materials, do not, unless specifically derogated, contain substances that:

- Meet the criteria in Article 57 of the REACH Regulation;*
- Have been identified according to the procedure described in Article 59 of the REACH Regulation which establishes the Candidate List for Substances of Very High Concern.*

I also declare that we screen all ingoing substances against the current Candidate List for Substances of Very High Concern and the criteria in Article 57 of the REACH Regulation. (Note that a declaration made to another official body, such as trade association, will also suffice to meet this part of the requirement).

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Criterion 5(b) Restrictions that apply to Substances of Very High Concern

To be completed by suppliers - Duplicate for each

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that in accordance with Article 6(7) of Regulation (EC) No 66/2010 the final product and any ingredients or raw materials, do not, unless specifically derogated, contain substances that:

- Meet the criteria in Article 57 of the REACH Regulation;*
- Have been identified according to the procedure described in Article 59(1) of the REACH Regulation which establishes the Candidate List for Substances of Very High Concern.*

I also declare that we screen all ingoing substances against the current Candidate List for Substances of Very High Concern and the criteria in Article 57 of the REACH Regulation. (Note that a declaration made to another official body, such as trade association, will also suffice to meet this part of the requirement).

Signature of person bearing legal responsibility:	
Position held	
Company Name (of the foam producers) in CAPITALS:	
Date:	
Company Stamp:	

Declaration: Annex A: 1 Preservatives added to colourants, binders and the final product

Declaration: Annex A: 1 Preservatives added to colourants, binders and the final product *to be completed by the applicant*

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I, the undersigned, hereby declare that the following values are accurate.

I also declare that the paint formulation only contains active substances that meet the requirements of 1a, 1b and 1c (as applicable) and are approved in accordance with Article 9(2) of Regulation (EC) No 528/2012 for use in product-type 6 in the case of 1a and 1b, or product-type 7 in the case of 1c, or are included in Annex I to that Regulation.

Please provide CAS numbers and classifications for the active substances in the final product and its binder.

Please attach evidence that a risk assessment for professional and consumer (non-professional) use is provided in the Assessment Report.

Applicable to all paints. This requirement is for the active substances in all preservatives (regardless of their derogation status).

Note that the limits quoted apply to the concentration of the active substances in the paint product.

Requirement	Result (please attach supporting evidence)
Total indoor preservative concentration = 0.060% w/w	Total indoor preservative concentration = _____ %w/w
Total high-humidity indoor paint preservative concentration = 0.160% w/w	Total high-humidity indoor paint preservative concentration = _____ %w/w
Total outdoor preservative concentration = 0.360% w/w	Total outdoor preservative concentration = _____ %w/w
Total outdoor preservative concentration (using IPBC preservatives) = 0.710% w/w	Total outdoor preservative concentration (using IPBC preservatives) = _____ %w/w
The sum total of isothiazolinone compounds for outdoor wood paints and varnishes < 0.20%.	The sum total of isothiazolinone compounds for outdoor wood paints and varnishes = _____ %w/w
The sum total of isothiazolinone compounds for all other paints <0.050% (500ppm)	The sum total of isothiazolinone compounds for other paints = _____ %w/w



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Maximum concentration of 2-methyl-2H-isothiazol-3-one = 0.0015%	Total concentration of 2-methyl-2H-isothiazol-3-one = _____ %w/w
Maximum concentration of 1,2-benzisothiazol-2(2H)-one = 0.0500%	Total concentration of 1,2-benzisothiazol-2(2H)-one = _____ %w/w
Maximum concentration of 2-Octyl-2H-Isouthiazol-3-one = 0.0500% with the exception of outdoor wood paints and varnishes in which it may be used at higher concentrations ¹	Total concentration of 2-Octyl-2H-isothiazol-3-one = _____ %w/w
Maximum concentration of 5-chloro-2-methyl-4-isothiazolin-3-one / 2-methyl-4-isothiazolin-3-one = 0.0015%	Total concentration of 5-chloro-2-methyl-4-isothiazolin-3-one / 2- methyl-4-isothiazolin-3-one = _____ %w/w
1. For outdoor wood paints and varnishes, the OIT concentration used shall not exceed 0.20%	
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



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Declaration: Annex A: 1 Preservatives added to colourants, binders and the final product to be completed by the suppliers - Duplicate for each

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion is accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



K. Declaration: Annex A: 1(a) in-can preservatives

K. Declaration: Annex A: 1(a) in-can preservatives to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active substances in the final product and its binder.

Note that the limits quoted apply to the concentration of the active substances of in-can preservatives in the paint product.

Applicable to all products

Requirement	Result (please attach supporting evidence)	
Total in-can preservative concentration = 0.060% w/w	Total in-can preservative concentration (active substances) = _____ %w/w	
Total sum of derogated classifications: H331 (R23), H400 (R50), H410 (R50/53), H411 (R51/53), H412 (R52/53), H317 (R43) in-can preservative = 0.06 %w/w	Total derogated in-can preservative concentration (active substances) = _____ %w/w	
Substances classified with H400 (R50) and/or H410 (R50/53) shall be non-bioaccumulative. Non-bioaccumulative substances shall have a Log Kow ≤ 3.2 or a Bioconcentration Factor (BCF) ≤ 100.	Substance	Log Kow/BCF
For those substances that are approved for use or are included in Annex I to Regulation (EU) No 528/2012 evidence shall be provided that the approval conditions are respected for the paint product.	Declaration of compliant active substances that meet this requirement: _____ _____	



EU ECOLABEL PAINTS AND VARNISHES USER MANUAL

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All manufactured active substances for which 50 % or more of the particles in the number size distribution have one or more external dimensions in the size range 1 nm-100 nm shall be identified.	Declaration of compliant active substances that meet this requirement: <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/>
Zinc pyrithione concentration limit = 0.05%	Zinc pyrithione concentration = _____%w/w
n-(3-aminopropyl)-n-dodecylpropane-1, 3-diamine Concentration limit = 0.05 %	n-(3-aminopropyl)-n-dodecylpropane-1, 3-diamine Concentration = _____%w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



**Declaration: Annex A: 1(a) in-can preservatives
to be completed by the suppliers - Duplicate for each**

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



K. Declaration: Annex A: 1(b) Tinting machine preservatives

K. Declaration: Annex A: 1(b) Tinting machine preservatives

to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active substances in the final product and its binder.

Note that the limits quoted apply to the sum concentration of the active substances of tinting machine preservatives in the paint product.

Applicable to all products

Requirement	Result (please attach supporting evidence)	
Total sum of Derogated classifications: H331 (R23), H400 (R50), H410 (R50/53), H411 (R51/53), H412 (R52/53), H317 (R43) = 0.20 %w/w	Total tint preservative concentration (active substances) = _____%w/w	
Substances classified with H400 (R50) and/or H410 (R50/53) shall be non-bioaccumulative. Non-bioaccumulative substances shall have a Log Kow ≤ 3.2 or a Bioconcentration Factor (BCF) ≤ 100.	Substance	Log Kow/BCF
For those substances that are approved for use or are included in Annex I to Regulation (EU) No 528/2012 evidence shall be provided that the approval conditions are respected for the paint product.	Declaration of compliant active substances that meet this requirement: _____ _____	



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<p>All manufactured active substances for which 50 % or more of the particles in the number size distribution have one or more external dimensions in the size range 1 nm-100 nm shall be identified.</p>	<p>Declaration of compliant active substances that meet this requirement:</p> <p>_____</p> <p>_____</p> <p>—</p>
<p>3-iodo-2-propynyl butylcarbamate (IPBC) concentration limit = 0.1% w/w</p>	<p>3-iodo-2-propynyl butylcarbamate (IPBC) concentration = _____%w/w</p>
<p>Zinc pyrithione concentration limit = 0.050%</p>	<p>Zinc pyrithione concentration = _____%w/w</p>
<p>N-(3-aminopropyl)-N-dodecylpropane-1, 3-diamine Concentration limit = 0.050%</p>	<p>N-(3-aminopropyl)-N-dodecylpropane-1, 3-diamine Concentration = _____%w/w</p>
<p>Signature of person bearing legal responsibility:</p>	
<p>Position held</p>	
<p>Company Name in CAPITALS:</p>	
<p>Date:</p>	
<p>Company Stamp:</p>	



EU ECOLABEL PAINTS AND VARNISHES USER MANUAL

Commission Decision of for the award of the EU Ecolabel for paints and varnishes (2014/312/EU)

Declaration: Annex A: 1(b) Tinting machine preservatives to be completed by the suppliers-duplicate for each

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 1(c) Dry film preservatives

Declaration: Annex A: 1(c) Dry film preservatives to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active substances in the final product and its binder. Applicable to outdoor paints and indoor paints for specific applications.

Note that the limits quoted apply to the concentration of the active substances of dry-film preservatives in the paint product.

Requirement	Result (please attach supporting evidence)	
Total sum of derogated classifications: H400 (R50), H410 (R50/53), H411 (R51/53), H412 (R52/53), H317 (R43)= 0.10 %w/w for Indoor paints intended used in areas with high humidity, including kitchens and bathrooms and 0.30 %w/w for all outdoor paint.	Total dry film preservative concentration (active substances) = _____%w/w	
Substances classified with H400 (R50) and/or H410 (R50/53) shall be non-bioaccumulative. Non-bioaccumulative substances shall have a Log Kow ≤ 3.2 or a Bioconcentration Factor (BCF) ≤ 100.	Substance	Log Kow/BCF
For those substances that are approved for use or are included in Annex I to Regulation (EU) No 528/2012 evidence shall be provided that the approval conditions are respected for the paint product.	Declaration of compliant active substances that meet this requirement: _____ _____	



EU ECOLABEL PAINTS AND VARNISHES USER MANUAL

Commission Decision of for the award of the EU Ecolabel for paints and varnishes (2014/312/EU)

<p>All manufactured active substances for which 50 % or more of the particles in the number size distribution have one or more external dimensions in the size range 1 nm-100 nm shall be identified.</p>	<p>Declaration of compliant active substances that meet this requirement:</p> <p>_____</p> <p>_____</p>
<p>For outdoor paints and varnishes 3-iodo-2-propynyl butylcarbamate (IPBC) combinations concentration limit = 0.650%w/w</p>	<p>3-iodo-2-propynyl butylcarbamate (IPBC) combinations concentration</p> <p>= _____%w/w</p>
<p>Zinc pyrithione concentration limit = 0.050%</p>	<p>Zinc pyrithione concentration</p> <p>= _____%w/w</p>
<p>Signature of person bearing legal responsibility:</p>	
<p>Position held</p>	
<p>Company Name in CAPITALS:</p>	
<p>Date:</p>	
<p>Company Stamp:</p>	



Declaration: Annex A: Annex A: 1(c) Dry film preservatives

to be completed by the suppliers-duplicate for each

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 1(d) Dry film preservatives stabilizer

Declaration: Annex A: 1(d) Dry film preservatives stabilizer

to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Applicable to outdoor paints and indoor paints for specific applications

Requirement	Result (please attach supporting evidence
Zinc oxide is derogated for use as a stabiliser for dry film preservative combinations that require zinc pyrithione or 1,2-benzisothiazol-3(2H)-one (BIT) to a concentration of 0.050% w/w	Total zinc oxide concentration = _____ %w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 1(d) Dry film preservatives stabilizer

to be completed by the suppliers-duplicate for each

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 2(a) Driers

Declaration: Annex A: 2(a) Driers to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active ingredients in the final product.

Applicable for all paint products

Requirement	Result (please attach supporting evidence
Total sum of derogated classifications: H301 (R24), H317 (R43), H373 (H48/20-22), H412 (R52/53), H413 (R53) = 0.10%w/w	Total derogated drier concentration = _____%w/w
Total sum of cobalt driers for white and light coloured paints alkyd paints which are additionally classified with H400 (R50) and H410 = 0.050% w/w	Total sum of derogated cobalt driers concentration = _____%w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



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Declaration: Annex A: 2(a) Driers

to be completed by the suppliers-duplicate for each

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 2(b) Anti-skinning agents

Declaration: Annex A: 2(b) Anti-skinning agents *to be completed by the applicant*

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active ingredients in the final product.

Applicable for all paint products

Requirement	Result (please attach supporting evidence)
Total sum of derogated classifications: H412 (R52/53), H413 (R53), H317 (R43)= 0.40%/w/w	Total anti-skinning agent concentration = _____ %w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



**Declaration: Annex A: 2(b) Anti-skinning agents
to be completed by the suppliers-duplicate for each**

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 3(a) Anti-corrosion pigments

Declaration: Annex A: 3(a) Anti-corrosion pigments to be completed by the applicant

*As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.
 Please provide CAS numbers and classifications for the active ingredients in the final product.
 Applicable claims are made about the paints properties*

Requirement	Result (please attach supporting evidence)
Derogated classifications: H410 (R50/53), H411 (R51/53), H412 (R52/53), H413 (R53) concentration limit = 2.0% w/w	Total anti-corrosion pigments concentration = _____%w/w
Derogated classifications: H410 (R50/53), H411 (R51/53), H412 (R52/53), H413 (R53) concentration limit for Paints classified under the Paints Directive 2004/42/EC as: d (interior/exterior trim and cladding paints for wood, metal or plastic), i (one-pack performance coatings), j (two-pack performance coatings) = 8.0% w/w	Total anti-corrosion pigments (classification d, i, j) concentration = _____%w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



**Declaration: Annex A: 3(a) Anti-corrosion pigments
to be completed by the suppliers-duplicate for each**

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 3(b) Verdigris prevention

Declaration: Annex A: 3(b) Verdigris prevention *to be completed by the applicant*

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active ingredients in the final product.

Applicable where claims are made

Requirement	Result (please attach supporting evidence
Derogated classifications: H412 (R52/53), H413 (R53) concentration limit = 0.50% w/w	Verdigris prevention ingredient concentration = _____ %w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



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Declaration: Annex A: 3(b) Verdigris prevention to be completed by the suppliers-duplicate for each

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 4(a) General purpose surfactants

Declaration: Annex A: 4(a) General purpose surfactants to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active ingredients in the final product.

Applicable to all products.

This derogation excludes Alkylphenoethoxylates (APEOs) and Perfluorinated surfactants, which are addressed separately.

Requirement	Result (please attach supporting evidence)
Derogated classifications: H411 (R51/53), H412 (R52/53), H413 (R53)	
Concentration limit for White and light coloured products = 1.0 % w/w	_____ %w/w for white and light coloured
Concentration limit all other colours = 3.0 % w/w	_____ %for all other colours
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



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Declaration: Annex A: 4(a) General purpose surfactants to be completed by the suppliers-duplicate for each

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 4(b) Alkylphenolethoxylates (APEOs)

Declaration: Annex A: 4(b) Alkylphenolethoxylates (APEOs)

Applicant declaration

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that Alkylphenolethoxylates (APEOs) and their derivatives are not used in any paint or varnish preparations or formulations.

Please provide CAS numbers and classifications for the active surfactants in the final product.

Applicable for all paint products

Signature of person bearing legal responsibility:

Position held

Company Name in CAPITALS:

Date:

Company Stamp:



**Declaration: Annex A: 4(b) Alkylphenoethoxylates (APEOs)
Suppliers-duplicate for each**

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that Alkylphenoethoxylates (APEOs) and their derivatives are not be used in any paint or varnish preparations or formulations..

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration: Annex A: 4(c) Perfluorinated surfactants

Declaration: Annex A: 4(c) Perfluorinated surfactants to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the following perfluorinated surfactants are not used:

- (i) Perfluorocarboxylic acids with carbon chain lengths $\geq C8$, including perfluorooctanoic acid (PFOA);*
- (ii) Perfluoroalkyl sulfonates with carbon chain lengths $\geq C6$, including perfluorohexane sulfonic acid (PFHxS) and perfluorooctane sulfonate (PFOS);*
- (iii) Related compounds that may degrade to the substances identified in (i) or (ii).*

Furthermore, I declare that

Perfluorinated surfactants are: not used/only used in paint that is resistant or repellent to water (see efficiency of use criteria 3b and 3g respectively) and have a spreading rate of greater than 8 m²/l (see efficiency of use criterion 3a). **(please delete as appropriate)**

Please provide CAS numbers and classifications for the active ingredients in the final product.

Applicable for all paint products

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



**Declaration: Annex A: 4(c) Perfluorinated surfactants
to be completed by the suppliers-duplicate for each**

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the following perfluorinated surfactants are not used:

- (i) Perfluorocarboxylic acids with carbon chain lengths $\geq C8$, including perfluorooctanoic acid (PFOA);*
- (ii) Perfluoroalkyl sulfonates with carbon chain lengths $\geq C6$, including perfluorohexane sulfonic acid (PFHxS) and perfluorooctane sulfonate (PFOS);*
- (iii) Related compounds that may degrade to the substances identified in (i) or (ii).*

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 5(a) Silicon resin emulsion in white paints, colourant and tinting bases

Declaration: Annex A: 5(a) Silicon resin emulsion in white paints, colourant and tinting bases *to be completed by the applicant*

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active ingredients in the final product.

Applicable for all paint products

Requirement	Result (please attach supporting evidence)
Derogated classifications: H412 (R52/53), H413 (R53) concentration limit = 2.0% w/w	Silicon resin emulsion concentration = _____ %w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



**Declaration: Annex A: 5(a) Silicon resin emulsion in white paints, colourant and tinting bases
to be completed by the suppliers-duplicate for each**

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 5(b) Metals and their compounds

Declaration: Annex A: 5(b) Metals and their compounds to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that except for specific instances described in derogation 2(a) and 5(f) the following metals or their compounds shall not be present in the product or the ingredients used in the product above 0.010 % w/w (per metal):

Cadmium, lead, chromium VI, mercury, arsenic, barium, selenium, antimony and cobalt.

Applicable to all paints products

Signature of person bearing legal responsibility:

Position held

Company Name in CAPITALS:

Date:

Company Stamp:



**Declaration: Annex A: 5(b) Metals and their compounds
to be completed by the suppliers-duplicate for each**

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that except for specific instances described in derogation 2(a) and 5(f) the following metals or their compounds shall not be present in the product or the ingredients used in the product above 0.010 % w/w (per metal):

Cadmium, lead, chromium VI, mercury, arsenic, barium, selenium, antimony and cobalt.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration: Annex A: 5(c) Mineral raw materials including fillers

Declaration: Annex A: 5(c) Mineral raw materials including fillers

to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active ingredients in the final product.

Applicable for all paint products

Requirement	Report method	Result (please attach supporting evidence)
Mineral raw materials including crystalline silica and leucophyllite minerals containing crystalline silica are derogated for H373 (R48/20)	N/A	N/A
Mineral raw materials containing metals referred to in restriction 5(b) may be used if laboratory testing shows that the metal is bonded within a crystal lattice and is insoluble (see test method applicable). The following fillers are derogated on this basis ¹ : - Nepheline syenite, containing barium	Applicants wishing to use binders containing restricted metals shall submit test reports carried out in accordance with the listed standard. Test method: DIN 53770-1 or equivalent ² Please attach a test report	Substance name _____ Heavy metal _____

¹ Additional derogated substances will be added to this list as evidence of their insolubility is provided to a Competent Body.

² This standard tests for solubility and does not explicitly define “insoluble”. For the purposes of this derogation, insoluble is defined as detecting less than 100ppm of metal in solution at the end of the test. This test shall be performed by exposing the metal containing mineral to alkali, neutral and acidic conditions using the methodology described in DIN 53779-1.



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Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 5(c) Mineral raw materials including fillers

to be completed by the suppliers-duplicate for each

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 5(d) Neutralising agents

Declaration: Annex A: 5(d) Neutralising agents to be completed by the applicant	
<p><i>As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.</i></p> <p><i>Please provide CAS numbers and classifications for the active ingredients in the final product.</i></p> <p><i>Applicable for all paint products</i></p>	
Requirement	Result (please attach supporting evidence)
Derogated classifications: H311 (R24), H331 (R23), H400 (R50), H410 (R50/53), H411 (R51/53), H412 (R52/53), H413 (R53)	
Varnishes and floor coverings concentration limit = 1.0 % w/w	_____ %w/w varnishes and floor covering
All other paints = 0.50 % w/w	_____ %w/w other paints
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



**Declaration: Annex A: 5(d) Neutralising agents
to be completed by the suppliers-duplicate for each**

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 5(e) Optical brighteners

Declaration: Annex A: 5(e) Optical brighteners to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active ingredients in the final product.

Applicable for all paint products

Requirement	Result (please attach supporting evidence)
Derogated classifications: H413 (R53) concentration limit = 0.10 % w/w	Optical brightener concentration = _____%w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



**Declaration: Annex A: 5(e) Optical brighteners
to be completed by the suppliers-duplicate for each**

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

K. Declaration: Annex A: 5(f) Pigments

K. Declaration: Annex A: 5(f) Pigments to be completed by the applicant

The following metal containing pigments are derogated for use:

- Barium sulphate
- Antimony nickel within an insoluble TiO₂ lattice
- Cobalt aluminate blue spinel
- Cobalt chromite blue-green spinel

Please attach test results demonstrating that the pigment chromophore is bonded within a crystal lattice and is insoluble.

Applicable to all paint products

Requirement	Report method	Please list materials
Pigments containing metals shall only be used where laboratory testing of the pigment shows that the metal chromophore is bonded within a crystal lattice and is insoluble ¹ .	<i>DIN 53770-1 or equivalent</i>	
¹ DIN 53770-1 may be used to determine insolubility. Although the standard does not explicitly define "insoluble", for the purposes of this derogation, insoluble is defined as detecting less than 100ppm of metal in solution at the end of the test. This test shall be performed by exposing the metal containing mineral to alkali, neutral and acidic conditions using the methodology described in DIN 53779-1.		
Signature of person bearing legal responsibility:		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		



Declaration: Annex A: 6(a) UV protectors and stabilising agents

Declaration: Annex A: 6(a) UV protectors and stabilising agents

to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active ingredients in the final product.

Applicable to for outdoor paints

Requirement	Result (please attach supporting evidence)
Derogated classifications: H317 (R43), H411 (R51/53), H412 (R52/53), H413 (R53), concentration limit = 0.60 % w/w	UV protectors and stabilising agent concentration = _____ %w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 6(a) UV protectors and stabilising agents

to be completed by the suppliers-duplicate for each

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 6(b) Plasticisers in paint and varnish

Declaration: Annex A: 6(b) Plasticisers in paint and varnish

to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the following phthalates have not be intentionally added as plasticisers:

- DEHP (Bis-(2-ethylhexyl)-phthalate)
- BBP (Butylbenzylphthalate)
- DBP (Dibutylphthalate)
- DMEP (Bis2-methoxyethyl) phthalate
- DIBP (Diisobutylphthalate)
- DIHP (Di-C6-8-branched alkyphthalates)
- DHNUP (Di-C7-11-branched alkyphthalates)
- DHP (Di-n-hexylphthalate)

I also declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active ingredients in the final product.

Applicable where included in the formulation

Requirement	Result (please attach supporting evidence)
Other phthalates may be added to a limit of 0.010 %w/w	Phthalate concentration = _____ %w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 6(b) Plasticisers in paint and varnish

to be completed by the suppliers-duplicate for each

As the manufacturer/importer/retailer of ingredients for Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the following phthalates have not be intentionally added as plasticisers:

- DEHP (Bis-(2-ethylhexyl)-phthalate)
- BBP (Butylbenzylphthalate)
- DBP (Dibutylphthalate)
- DMEP (Bis2-methoxyethyl) phthalate
- DIBP (Diisobutylphthalate)
- DIHP (Di-C6-8-branched alkylphthalates)
- DHNUP (Di-C7-11-branched alkylphthalates)
- DHP (Di-n-hexylphthalate)

Signature of person bearing legal responsibility:	
Company Name in CAPITALS:	
Position held	
Date:	
Company Stamp:	

Declaration: Annex A: 7(a) Formaldehyde

Declaration: Annex A: 7(a) Formaldehyde to be completed by the applicant

Applicable to all paints

Free formaldehyde shall not be intentionally added to the final product. The final product shall be tested in order to determine its free formaldehyde content. The sampling requirements for testing shall reflect the product range.

The free formaldehyde content shall be determined for the white base or transparent tinting base predicted to contain the highest theoretical amount of formaldehyde. The content of the colour tint which is predicted to contain the highest theoretical amount of formaldehyde shall also be determined.

Requirement	Report method	Result (please attach supporting evidence)
A sum total formaldehyde limit of 0.0010 % applies unless a derogation applies (see the row below).	The Merckoquant method shall be used. If the outcome is inconclusive, high-performance liquid chromatography (HPLC) shall be used to confirm the in-can concentration.	Formaldehyde concentration from preservative donors = _____ % w/w
A higher formaldehyde limit 0.010 % applies where: (i) Preservatives that are formaldehyde donors are required as an in-can preservative to protect a specific type of paint or varnish and where the formaldehyde donor is used in the place of isothiazolinone preservatives (ii) Polymer dispersions (binders) provide, through residual levels of formaldehyde, the function of formaldehyde donors instead of in-can preservatives.	Determination of the in-can formaldehyde concentration by means of analysis using VdL-RL 03 or high-performance liquid chromatography (HPLC).	Residual formaldehyde concentration = _____ % w/w
	Indoor paints and varnishes: Determination by means of analysis ¹ according to ISO 16000-3. Emissions must not exceed 0.25 ppm upon first application and they must be less than 0.05 ppm after 24 hours from the first application.	Indoor air quality (for indoor paints only) = _____ ppm initial application ² _____ ppm after 24 hours <u>Results should be adjusted to reflect an air change of 1.0 ac/h ³</u>



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¹ Equivalent standards exist which may be used, in particular CEN/TS 16516 which is intended to supersede the ISO 16000 series.

² Initial application is considered to be once stable air mixing in the test chamber has been achieved. It is recommended that stable air mixing can be achieved after 1 hour with the aid of a fan.

³ In all cases the results shall be corrected to reflect a ventilation rate of 1.0 air change/hour by dividing them by 2. This ensures that the results reflect the chamber conditions used in EN 717-1 which form the basis for the emission thresholds.

Signature of person bearing legal responsibility:

Position held

Company Name in CAPITALS:

Date:

Company Stamp:



Declaration: Annex A: 7(b) Solvents

Declaration: Annex A: 7(b) Solvents *to be completed by the applicant*

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active ingredients in the final product.

Applicable for all paint products

Requirement	Result (please attach supporting evidence)
Derogated classifications: H304 (R65) concentration limit = 2.0 %w/w	Solvent concentration = _____ % w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 7(b) Solvents

to be completed by the suppliers-duplicate for each

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 7(c) Unreacted monomer

Declaration: Annex A: 7(c) Unreacted monomer to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active ingredients in the final product.

Applicable for Polymer binder systems

Requirement	Result (please attach supporting evidence)
Unreacted monomers present from binders including acrylic acid may be present in the final product up to a sum total limit = 0.050 %w/w	Unreacted monomer concentration = _____% w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



**Declaration: Annex A: 7(c) Unreacted monomer
to be completed by the suppliers-duplicate for each**

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 7(d) Volatile Aromatic Hydrocarbons and halogenated solvents

Declaration: Annex A: 7(d) Volatile Aromatic Hydrocarbons and halogenated solvents

to be completed by the applicant

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Requirement	Report method	Result (please attach supporting evidence)
Volatile Aromatic Hydrocarbons and halogenated solvents may only be present up to a residual limit = 0.01 %w/w	A declaration of non-use shall be provided by the applicant and their raw material suppliers supported by CAS numbers and classifications.	Residual Volatile Aromatic Hydrocarbons and halogenated solvents concentration = _____ % w/w
Signature of person bearing legal responsibility:		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		



**Declaration: Annex A: 7(d) Volatile Aromatic Hydrocarbons
to be completed by the suppliers-duplicate for each**

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 8(a) Binders and cross linking agents

Declaration: Annex A: 8(a) Binders and cross linking agents

to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active ingredients in the final product, as relevant to the following paint & varnish applications:

- Interior/exterior trim
- Decoration, protection and coating of wood
- Metal coatings
- Floor coating
- High gloss coating
- Architectural and decorative coating

Requirement	Result (please attach supporting evidence)
Adipic acid dihydrazide (ADH) used as adhesion promoter or as a cross linking agent $\leq 1,0$ %w/w	ADH concentration = _____ % w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 8(a) Binders and cross linking agents

to be completed by the suppliers-duplicate for each

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Annex A: 8(b) Reaction products and residues

Declaration: Annex A: 8(b) Reaction products and residues to be completed by the applicant

As the manufacturer/importer/retailer of Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Please provide CAS numbers and classifications for the active ingredients in the final product, as applicable to Polymer binder systems

Requirement	Result (please attach supporting evidence)
The presence of residual methanol is restricted depending on the content of binder in the final product: <ul style="list-style-type: none">– more than 10 % and up to 20 % binder content in the final product $\leq 0,02$ % w/w– more than 20 % and up to 40 % binder content in the final product $\leq 0,03$ % w/w– more than 40 % binder content in the final product $\leq 0,05$ % w/w	Binder content of the final product = _____ % w/w Residual methanol concentration = _____ % w/w
Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



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Declaration: Annex A: 8(b) Reaction products and residues to be completed by the suppliers-duplicate for each

As the manufacturer/importer/retailer of components used in Paints and Varnishes that comply with the EU Ecolabel, I the undersigned, hereby declare that the values supplied to meet this criterion are accurate.

Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

Declaration: Criterion 6 - Consumer information

Declaration: Criterion 6 - Consumer information to be completed by the applicant

As the applicant for paints and varnishes that comply with the EU Ecolabel. I the undersigned, declare that:

The following texts appears on or be attached to the packaging:

- “Minimise paint wastage by estimating how much paint you will need”
- “Recover unused paint for re-use”
- “Reuse of paint can effectively minimise the products’ life cycle environmental impact”

The following general information and advice is provided on or attached to the packaging:

- How to estimate the amount of paint needed prior to purchase in order to minimise paint wastage and a recommended amount as a guideline (e.g. for 1m² of wall x litres of paint is needed).
- How to deal with the "unused paint" together with, where available, a web-link or contact details from which the consumer can find more detailed information.

The following advice and recommendations on how to handle the paint are provided on or attached to the packaging:

- Safety measures for the user. This shall include basic recommendation on personal protective equipment that should be worn. It shall also include additional measures that should be taken when using spray equipment.
- The use of cleaning equipment and appropriate waste management (in order to limit water and soil pollution). For example, text advising that unused paint requires specialist handling for safe environmental disposal and therefore it should not be thrown away with household or commercial waste (e.g. “Do not put residual paint down the kitchen sink or toilet, or into a waste bin”).
- Storage of the paint in appropriate conditions (before and after opening), including, where appropriate, safety advice.

(Please provide the artwork or samples of the user information and/or a link to a manufacturer’s website containing this information as part of the application)



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Signature of person bearing legal responsibility:	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	



Declaration: Criterion 7 - Information appearing on the EU Ecolabel

Declaration: Criterion 7 - Information appearing on the EU Ecolabel

to be completed by the applicant

As the applicant for paints and varnishes that comply with the EU Ecolabel. I the undersigned, declare that:

The optional label with text box contains, where relevant, the following texts:

- Minimised content of hazardous substances;
- Reduced content of volatile organic compounds (VOCs): x g/L;
- Good performance for indoor use (where indoor criteria have been met); or
- Good performance for outdoor use (where outdoor criteria have been met); or
- Good performance for both indoor and outdoor use (where both indoor and outdoor criteria have been met).

(Please provide the artwork or samples of the packaging)

Signature of person bearing legal responsibility:

Position held

Company Name in CAPITALS:

Date:

Company Stamp:

Appendix 2: Comparison table of old and new Criteria

For those who already hold the Ecolabel for paints and varnishes, and who are re-applying in respect of new criteria, this table details the significant changes between old and new criteria.

New Criteria	Indoor Criteria 2008	Outdoor Criteria 2008	Comments
1a	1	1	Limits remain unchanged, except for indoor wall and ceiling paints.
			New limits introduced for indoor wall and ceiling paints depending on Wet Scrub Resistance (WSR) class.
1b	3b	-	Indoor wall and ceiling paints must achieve Class 1 or Class 2 in WSR
			Indoor wall and ceiling paints with white pigment content below 25g/m ² are exempt from above requirement
2	2	2	Only applies if TiO ₂ content is greater than 3 %w/w
			Introduced concept of by-product (WFD)
			Waste limits are no longer dependent on white pigment content
3a	7a	7a	Criterion remains largely unchanged.
3b	7c	7b	Criterion remains largely unchanged
3c	7d	7c	Criterion remains largely unchanged
3d	7e	7d	Criterion remains largely unchanged
3e	-	7e	Exposure to test conditions for metal finishes (including varnishes) increased from 500 hours to 1000 hours
			Alternative test (EN 927-6) for outdoor wood finishes and wood varnishes requirement increased from 500 hours to 1000 hours
			Change in gloss after testing is not applicable to mid sheen and matt-finishes which have an initial gloss value less than 60 % at 60° angle incidence
3f	-	7f	Criterion remains largely unchanged
3g	-	7g	Criterion remains largely unchanged
3h	-	7h	Additional anti-algal requirements
			New testing methodologies: EN 15457 and EN 15458
			Stricter requirements for wood paints
3i	-	7i	Criterion remains largely unchanged
3j	-	7j	Criterion remains largely unchanged
3k	-	-	New Criterion for corrosion and anti-rust requirements introduced
4	3	3	Stricter requirements for VOCs (except for primers)
			Limits for semi-VOCs (SVOCs) introduced
5a	6a and b	6a and b	Criterion applies to all ingredients present above 0.01%
			Hazardous to the aquatic environment Categories 1-4 added to restricted hazard phrases

New Criteria	Indoor Criteria 2008	Outdoor Criteria 2008	Comments
			Hazardous to the ozone layer category added to restricted hazard phrases New derogations introduced found in Annex I
5ai	-	-	Introduces derogations applying to specific substance groups: e.g. preservatives.
5b	-	-	Restrictions that apply to Substances of Very High Concern introduced
5c	5, 6d, 6f, 6g	5, 6d, 6f, 6g	Additional restrictions for preservatives, pigments and plasticisers
6	8	8	Specific information to be provided on packaging is given
7	9	9	Specific information to be provided on packaging is given

Derogations in Appendix 1

New Criteria – Derogation list	Indoor Criteria 2008	Outdoor Criteria 2008	Comments
1i	New	New	Biocides must meet requirements set in derogations 1a, 1b and 1c and must be authorised under Directive 98/8/EC
1ii	New	New	Concentration limits for different preservatives in indoor and outdoor paints introduced
1iii	6e	6e	Total isothiazolinone concentration limit unchanged
			Concentration limits introduced for three additional substances
			CMIT limit unchanged
1a	6b and 6c	6b and 6c	Derogation for in-can preservatives with certain hazard classifications. Limit lowered compared to 2008 criteria
			Substance classified with H400 and/or H410 must be non-bioaccumulative
			Specific concentration limits for two preservatives
1b	New	New	Specific derogation for tinting preservatives introduced
1c	New	New	Specific derogation for dry film preservatives introduced
1d	New	New	Specific derogation for preservative stabilisers introduced
2	New	New	Specific derogation for drying and anti-skinning agents introduced
3	New	New	Specific derogation for corrosion inhibitors introduced
4a	New	New	Specific derogation for general surfactants introduced
4b	6d	6d	Specific requirement that Alkylphenolethoxylates (APEOs) are not used
4c	6f	6f	Specific requirements for the use of Perfluorinated surfactants
5a	New	New	Specific derogation for silicon resin emulsions introduced
5b	5	5	0.010 % cut off limit for heavy metals introduced
			Specific derogations for metal use in pigments and driers
5c	New	New	Specific derogation for mineral raw materials including fillers introduced
5d	New	New	Specific derogation for neutralising agents introduced
5e	New	New	Specific derogation for optical brighteners introduced
5f	New	New	Specific derogation for pigments introduced



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New Criteria – Derogation list	Indoor Criteria 2008	Outdoor Criteria 2008	Comments
6a	New	New	Specific derogation for UV protectors and stabilising agents for outdoor paints introduced
6b	New	New	Specific derogation for plasticisers introduced
7a	6g	6g	Formaldehyde donors can only be used in specific cases
7b	New	New	Specific derogation for solvents introduced
7c	New	New	Specific derogation for unreacted monomers introduced
7d	4	4	Derogation also applies to halogenated solvents
			Residual limit reduced from 0.1 % to 0.01 %














Part E: Checklist













Applicant's Checklist

This checklist summarises the documentation to be provided for each criterion. This checklist must be completed by the applicant.

		Mark when done	
Documents to be submitted to the Competent Body:		Included	Does not apply
 Part C: Application form			
Criterion 1: White pigment and wet scrub resistance (for indoor paints only)			
Documents to be submitted to the Competent Body:		Included	Does not apply
 Criterion 1 (a) – White pigment content (indoor and outdoor)			
 Supporting documentation and calculations.			
 Criterion 1 (b) –Wet scrub resistance			
 Test report for cleanability and scrub resistance.			
 For ceiling paints and indoor wall paints, the labelling for the packaging, including the accompanying text.			
Criterion 2: Titanium dioxide pigment			
Documents to be submitted to the Competent Body:		Included	Does not apply
 Criterion 2 – TiO₂ declaration of non/low use			
 Criterion 2 – TiO₂ emissions declaration			
 Supporting documentation for emissions declaration.			
Criterion 3: Efficiency in use			
3(a) Spreading rate			
Documents to be submitted to the Competent Body:		Included	Does not apply

<p> Criterion 3(a) – Spreading rate</p>		
<p> Evaluation/test report.</p>		
<p> For bases not evaluated according to requirements, evidence of how end-user will be advised to use primer/undercoat before product application.</p>		
3(b) Resistance to water		
Documents to be submitted to the Competent Body:	Included	Does not apply
<p> Evaluation/test report.</p>		
<p> Criterion 3(b) – Water resistance</p>		
3(c) Adhesion		
Documents to be submitted to the Competent Body:	Included	Does not apply
<p> Evaluation/test report.</p>		
<p> Criterion 3(c) – Adhesion</p>		
3(d) Abrasion		
Documents to be submitted to the Competent Body:	Included	Does not apply
<p> Evaluation/test report.</p>		
<p> Criterion 3(d) – Abrasion</p>		
3(e) Weathering (for outdoor paints and varnishes)		
Documents to be submitted to the Competent Body:	Included	Does not apply
<p> Evaluation/test reports.</p>		
<p> Criterion 3(e) – Weathering</p>		
3(f) Water vapour permeability		
Documents to be submitted to the Competent Body:	Included	Does not apply
<p> Evaluation/test report.</p>		
<p> Criterion 3(f) – Water vapour permeability</p>		
3(g) Liquid water permeability		
Documents to be submitted to the Competent Body:	Included	Does not apply





 Evaluation/test report.		
 Criterion 3(g) – Liquid water permeability		
3(h) Fungal and algal resistance		
Documents to be submitted to the Competent Body:	Included	Does not apply
 Evaluation/test report.		
 Criterion 3(h) – Fungal and algal resistance		
3(i) Crack bridging		
Documents to be submitted to the Competent Body:	Included	Does not apply
 Evaluation/test report.		
 Criterion 3(i) – Crack bridging		
3(j) Alkali resistance		
Documents to be submitted to the Competent Body:	Included	Does not apply
 Evaluation/test report.		
 Criterion 3(j) – Alkali resistance		
3(k) Corrosion resistance		
Documents to be submitted to the Competent Body:	Included	Does not apply
 Evaluation/test report.		
 Criterion 3(k) – Corrosion resistance		
Criterion 4: Content of volatile and semi-volatile organic compounds (VOCs, SVOCs)		
Documents to be submitted to the Competent Body:	Included	Does not apply
 Criterion 4 – VOC and SVOC content		
 Evidence of VOC content.		
 Evidences of SVOC content.		
Criterion 5: Carbon monoxide (CO) emission limits		

5(a) Overall restrictions to hazardous classifications and risk phrases		
Documents to be submitted to the Competent Body:	Included	Does not apply
 Criterion 5(a) – Restriction of hazardous substances and mixtures		
 Lists of ingredients with their risk/hazard phrases.		
 Classification and/or non classification of final product.		
 Relevant supporting technical information.		
5(a)(i) Derogations applying to substance groups		
Documents to be submitted to the Competent Body:	Included	Does not apply
 Derogations		
 Relevant evidence/supporting information		
5(a)(ii) Derogation conditions applying to production sites		
Documents to be submitted to the Competent Body:	Included	Does not apply
 Criterion 5(a)(ii) Derogation conditions applying to production sites		
 Documentary evidence showing compliance with criterion.		
5(b) Restrictions that apply to substances of very high concern		
Documents to be submitted to the Competent Body:	Included	Does not apply
 Criterion 5(b) Restrictions that apply to Substances of Very High Concern – Manufacturer declaration		
 Criterion 5(b) Restrictions that apply to Substances of Very High Concern – Supplier declaration		
5(c) Restrictions that apply to specific hazardous substances		
Documents to be submitted to the Competent Body:	Included	Does not apply
 Derogations		
 Relevant evidence/supporting information.		
Criterion 6: Consumer information		
Documents to be submitted to the Competent Body:	Included	Does not apply



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<p> Artwork or samples of user information and/or relevant link to manufacturers website.</p>		
<p> Declaration template: Consumer information</p>		
Criterion 7: Information appearing on the EU Ecolabel		
Documents to be submitted to the Competent Body:	Included	Does not apply
<p> Sample of product label or packaging.</p>		
<p> Declaration template: Information appearing on the EU Ecolabel</p>		