

**Annex 1 to the contract pursuant to DE-UZ 102  
Environmental Label for  
“Low-Emission Interior Wall Paints”**

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**Please use this  
printed form!**

**Declaration by the manufacturer of the interior wall paint**

Company (name, address):	
Trade name of the product:	

The completed Annex 0 is enclosed

Application via the Web Portal (Annex 0 not required)

The product complies with all the legal requirements in the country in which it is to be marketed.

**Scope and advertising**

The product is a wall paint in accordance with DIN EN 13300 Point 3

Emulsion paint according to VdL Guideline 11, also in powder form

Primer for wall paints according to DIN EN 13300

Silicate emulsion paint according to DIN ISO 18363

intended for use as interior wall and ceiling paint.

**Primer for wall paints** *Annex 4 with the formulation is enclosed.*

**White wall paints** *Annex 4 with the formulation is enclosed.*

**Coloured wall paints** (manufactured at the production sites (internal paint mixing system)).

*Annex 4 with the formulation for the base paint (if multiple base paints are used, Annex 4 must be submitted for each one) and Annex 4a with the formulations for the colour tones are enclosed. Alternatively, Annex 4b can also be used.*

A white base paint is part of the sales range

Full tone and tinting paints

**Coloured wall paints (paint mixing system)** manufactured at the production sites (external paint mixing system / paste system)

*Annex 4 with the formulation for the base paint (if multiple base paints are used, Annex 4 must be submitted for each one) and Annex 4b are enclosed.*

A white base paint is part of the sales range

**Technical specifications:**

<b>Coating thickness:</b> (according to DIN EN 1062-1)	µm (requirement <400 µm)
<b>Wet scrub resistance:</b> (according to DIN EN 13300 and EN ISO 11998)	Class (requirement of at least class 3)

**Information advertised on the container text:**

<b>Wet scrub resistance:</b>	Class:
<b>Contrast ratio*:</b> (coverage capacity)	Class at m <sup>2</sup> /l
<b>Spreading rate*:</b>	m <sup>2</sup> /l
<b>Preservative-free:</b>	
Emulsion paint Silicate emulsion paint Primer	
Exclusively intended for interior use Intended for interior and exterior use	

\*The specified spreading rate must not be  $\geq 1 \text{ m}^2/\text{l}$  higher than the specified coverage capacity. Advertising of the coverage capacity and spreading rate is obligatory for white wall paints.

**Declaration**

We hereby confirm that the following substances are **not** constituent components<sup>1</sup> of the products listed above:

- Substances which are identified as particularly alarming under the European Chemicals Regulation REACH (1906/2006/EC) and which have been incorporated into the list drawn up in accordance with Article 59, Paragraph 1 of the REACH Regulation (so-called "**list of candidates**"). The version of the list of candidates at the time of application is valid.<sup>2</sup>
- Substances that according to the **EC Regulation 1272/2008** have been classified in the following hazard categories or which meet the criteria for such classification<sup>3</sup>:
  - acutely toxic (poisonous) in categories Acute Tox. 1, Acute Tox. 2 or Acute Tox. 3

<sup>1</sup> Constituent components are substances added to the wall paint as such or as part of a mixture in order to achieve or influence certain product properties and those required as chemical cleavage products for achieving the product properties. This does not apply to residual monomers that have been reduced to a minimum.

<sup>2</sup> The list of candidates in its currently valid version can be found at: [REACH list of candidates](#).

<sup>3</sup> The harmonized classifications and labellings of dangerous substances can be found in Annex VI, Part 3 of the CLP Regulation. Furthermore, a comprehensive classification and labelling inventory, which also includes all of the self-classifications of hazardous substances made by manufacturers, has been made available to the public on the website of the European Chemicals Agency: ECHA classification and labelling inventory and other substance lists, such as SIN; ETUC, EDCs, etc.

- toxic to specific target organs in categories STOT SE 1, STOT SE 2, STOT RE 1 or STOT RE 2
- carcinogenic in categories Carc. 1A, Carc. 1B or Carc. 2
- germ cell mutagenic in categories Muta. 1A, Muta. 1B or Muta. 2
- reprotoxic (teratogenic) in categories Repr. 1A, Repr. 1B or Repr. 2
- hazardous to water in categories Aquatic Acute 1, Aquatic Chronic 1 or Aquatic Chronic 2

The corresponding H phrases for the hazard classes and categories can be found in Supplement A to DE-UZ102.

3. Substances that are classified in **TRGS 905**<sup>4</sup> as:
  - carcinogenic (K1, K2, K3),
  - mutagenic (M1, M2, M3)
  - reprotoxic (R<sub>F</sub>1, R<sub>F</sub>2, R<sub>F</sub>3, R<sub>D</sub>1, R<sub>D</sub>2, R<sub>D</sub>3)
4. Substances with other hazardous properties in concentrations that result in classification and labelling of the end product with a GHS hazard pictogram for health and environmental hazards are not be added to the wall paint.
5. **Lead compounds in pigments** (the primary product may contain up to 200 ppm of lead as process-related, technically unavoidable (natural or production-related) impurities).<sup>5</sup>
6. **Alkyl phenol ethoxylates** (APEO) and/or their derivatives
7. **Perfluorinated or polyfluorinated chemicals (PFC)**, such as fluorocarbon resins and fluorocarbon emulsions, perfluorinated sulfonic and carboxylic acids, and substances that could be broken down into these chemicals.
8. **Plasticising substances** from the group of phthalates or group of organophosphates or other comparable substances with a high boiling point (plasticisers in the sense of VdL Guideline 01<sup>6</sup>). (This requirement is considered to be fulfilled if the plasticiser content in the end product does not exceed 1 g/l.)

Declarations from the manufacturers or suppliers of the primary products used are enclosed with the application (Annex R)

Safety data sheets for the primary products used are enclosed with the application.

Safety data sheets for the products named in the application are enclosed with the application.

<sup>4</sup> TRGS 905, directory of carcinogenic, mutagenic or teratogenic substances from the Committee for Hazardous Substances (AGS): [TRGS 905](#). The current version at the time of application is valid (last amended in May 2018). The TRGS lists such CMR substances that have not received harmonised classifications up to now or where the AGS has come to a different classification. The CMR complete list published by the Institute for Occupational Safety and Health of the German Social Accident Insurance can also be used as a reference tool: [CMR complete list](#).

<sup>5</sup> The determination for fillers and pigments must be carried out in accordance with DIN 53770.

<sup>6</sup> Guideline on the declaration of paints, lacquers, varnishes, renders, fillers, primers and related products (VdL Guideline 01), <http://www.wirsindfarbe.de/service-publikationen/vdl-richtlinien/>

### Volatile organic compounds

The VOC (volatile organic compounds) content of the wall paint (**this also applies e.g. to paint mixing systems**) in its ready-to-use form does not exceed the maximum value of 700 ppm. The term VOC covers all organic substances (e.g. residual monomers, solvents, film-forming aids, preservatives and other production-related accompanying substances) that following total evaporation and subsequent gas chromatographic analysis are eluted at retention times lower than that of tetradecane (boiling point: 252.6°C) on a non-polar separation column.

The test report in accordance with the DIN EN ISO 17895 test method is enclosed (determination of the in-can VOC content in water-soluble emulsion paints) (Annex 2) **or** The test report in accordance with the DIN EN ISO 11890-2 test method is enclosed (Paints and varnishes – determination of the volatile organic compound (VOC) content). Verification of a detection limit of 100 ppm from the testing laboratory is also enclosed. (Not required with the new standard if the verification limit is 100 ppm)

The corresponding certificate or accreditation from the German Accreditation Council (DAR) or another accreditation system listed in the multinational agreement (MLA) is enclosed. (Annex 3).

Note: For coloured wall paints and paint mixing systems, the VOC content can be calculated using Annexes 4a or 4b if the VOC content of the colour pigments is known.

### Semi-volatile organic compounds

The SVOC (semi volatile organic compounds) content of the wall paint (**this also applies e.g. to paint mixing systems**) in its ready-to-use form does not exceed the maximum value of 500 ppm. Semi-volatile organic compounds (SVOC) are all volatile organic compounds with a boiling point above 250 °C and below 370°C at a standard pressure of 101.3 kPa, which elute in a capillary column in a retention time window from n-Tetradecane (C<sub>14</sub>H<sub>30</sub>) to n-Docosane (C<sub>22</sub>H<sub>46</sub>).

The test report in accordance with the ISO 11890-2 / CEPE guidance 2015-10-2613 test method is enclosed (If ISO 11890-2 is subsequently adopted, the test must be carried out according to this standard ) (Annex 2)

The corresponding certificate or accreditation from the German Accreditation Council (DAR) or another accreditation system listed in the multinational agreement (MLA) is enclosed. (Annex 3).

Note: For coloured wall paints and paint mixing systems, the SVOC content can be calculated using Annexes 4a or 4b if the SVOC content of the colour pigments is known.

## **Preservation**

We hereby declare that the products **do not** contain any in-can and film preservatives.

The content of isothiazolinone and formaldehyde in the wall paint in its ready-to-use form does not exceed the following individual limits:

- BIT  $\leq$  10 ppm
- MIT  $<$  1.5 ppm
- CIT  $<$  0.5 ppm
- All other isothiazolinones  $<$  2 ppm based on the individual substance
- Free formaldehyde  $<$  10 ppm

It is only permitted to use preservatives in the primary products if they do not have any preservative effect in the end product. The wall paints are labelled with the phrase “may contain traces of preservatives” on the container and the technical data sheet.

The content of isothiazolinone, formaldehyde and other preservatives in the wall paint in its ready-to-use form does not exceed the following individual limits:

- BIT  $<$  2 ppm
- MIT  $<$  1.5 ppm
- CIT  $<$  0.5 ppm
- All other preservatives  $<$  2 ppm based on the individual substance
- Free formaldehyde  $<$  2 ppm

The wall paints are labelled with the phrase “preservative-free” on the container and the technical data sheet.

Declarations from the manufacturers or suppliers of the primary products listing their preservatives (type and quantity) are enclosed with the application (Annex R).

A test report for isothiazolinones in accordance with Appendix B is enclosed (Annex 6)

A test report for formaldehyde in accordance with Appendix B is enclosed (Annex 7)

## **Titanium dioxide**

The requirements stated in Paragraph 3.6 have been observed. Declarations from the manufacturers or distributors of the titanium dioxide pigments are enclosed (Annex T).

## **Fitness for use**

The product complies with the usual quality requirements with respect to fitness for use for the respective product group (e.g. adhesion, hardness, drying properties, light fastness, elasticity, and, where applicable, surface resistance to household chemicals and wet scrub resistance according to existing DIN standards).

### **Advertising claims/information**

The type of paint according to Paragraph 2 of the Basic Award Criteria is stated on the container together with the product designation.

The binder base is also stated on the technical data sheet.

Advertising claims that are likely to result in the emulsion paint being confused with other coating systems and any product designations containing terms such as “Bio”, “Eco”, “Natural”, “Wood protection”, “Fungal” “Insect” or “Nano” as part of the name or description are not permitted and are not used.

Advertising claims must not include claims in the sense of Article 23 (4) of Directive 92/32/EEC that could play down the risks such as e.g. “non-toxic”, “non-harmful to health” or similar claims. An exception is made for the phrase “preservative-free” (see the explanations about preservatives)

In all countries in which the product is marketed using the Blue Angel, the obligatory P-phrases in accordance with the CLP Regulation (EC) No. 1272/2008 must also be stated on the container **and** the technical data sheet in an easy to read form (comparable wording / P-phrases are permitted):

“Keep out of the reach of children“

“Ensure good ventilation during application and drying“

If the product can be applied by spraying: “Use an A2/P2 combination filter for spraying work.”

“Do not eat, drink or smoke when handling the plaster“

“Wear protective goggles if there is a risk of spraying.”

“In case of contact with skin or eyes, rinse immediately with plenty of water“

“If the base paint or a wall paint is toned using a pigment paste or toning paste that does not conform to the requirements of the Blue Angel, the toned paint no longer complies with the criteria for the Blue Angel.” (This applies to base paints and white wall paints)

If the product is not advertised as being preservative-free: “May contain traces of preservatives.”

“Do not allow to enter drains, water bodies, ground or soil“

“Clean tools with plenty of water and soap immediately after use“

“Only pass on empty containers for recycling. Dried product residues can be disposed of as household waste.”

In addition, the container contains a clear reference to the technical data sheet, information on where it can be found and a telephone number (at fixed-line telephone costs) for the manufacturer or distributor where the consumer can receive further information.

The technical data sheet is published on the Internet on the manufacturer's or distributor's website (and/or)

The technical data sheet is published on the Internet under the product information on [www.blauer.engel.de](http://www.blauer.engel.de).

The ingredients in the wall paint according to Paragraph 2 are stated on the technical data sheet in accordance with the "Guideline on the declaration of paints, lacquers, varnishes, renders, fillers, primers and related products" (VdL Guideline 01).

The container text (label) is enclosed

The technical data sheet is enclosed

Location:

Date:

Legally binding signature