

Diessner CleanAir Matt

Dispersion indoor paint
Wet abrasion class 2



Interior Dispersion Paint

- Water-dilutable
- ELF extra = emissions minimised
 - solvent and plasticizer-free
 - No preservatives
 - Free from fogging-active substances
- Resistant to damp disinfectants
- Very easy to apply
- Eco-friendly
- Odourless
- Diffusible

Intended use

Special class of flat interior paint. Particularly low emission as well as solvent, plasticiser and preservative free. Resistant to damp disinfectants. High-quality wet abrasion class 2 interior paint in one-coat quality for new and renovation coats. Easy and efficient application. The ELF extra property makes it excellent for sensitive residential and commercial areas. Fast drying, so that surfaces can be used again quickly.

Allergy information

Diessner CleanAir Matt contains no preservatives. The white colour of this product has therefore been certified safe for people with allergies. After tinting, the product no longer meets the Blue Angel criteria.

Technical specifications

Binding agent base plastic dispersion in accordance with DIN 55947

Pigment base Titanium dioxide

Test reports / certificates

IUG test report: Suitable for allergy sufferers, Test report no.: 2480 2018 19
 ISEGA test report: Food grade - 44751 U 18
 TÜV test report: Certified low emission, certificate no.: TM-07/180529-3
 Blue Angel: particularly environmentally friendly

Classification according to DIN EN 13300

Gloss level: Dull flat
 Wet abrasion: Class 2
 Contrast behaviour: Coverage class 1 with a yield of 7 m² per litre
 Maximum grain size: Fine (< 100 µm)
 Density: approx. 1.47 kg/L

Colour white

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Tinting	Can be tinted with Diessner KF-MIX system at the factory or select locations. For more information phone +40 30 / 60 00 02 60. Please request a consultation for tints outside the Diessner KF-MIX system. The colour accuracy of the colours delivered should be checked before use. Refer to BFS data sheet no. 25. Tints can change the advertised properties. Colours can change over time depending on pigmentation, light incidence and the existing surface (e.g. sealants, materials with plasticizers, etc.).
Container size	5 litre and 12.5 litre container
Storage	Store in a cool, frost-free place. Can be stored for 24 months unopened. Seal opened containers tightly and use as quickly as possible.
Coverage	On smooth surfaces 140-150 ml/m ² per coat. Textured surfaces accordingly require more, if necessary apply a test coat to determine property-specific deviations.
VOC content	class A/a type wb VOC limit from 2010 = 30 g/l, VOC content <1 g/l
Product - Code paints and varnishes	BSW 10
Hazard labels	None
Declaration of ingredients	Plastic dispersion, titanium dioxide, calcium carbonate, silicate, water, additive.
Special instructions	Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water. If applicable, remove contact lenses and keep rinsing. When paint spraying, do not inhale the paint mist and use an A2/P2 combo filter for paint spraying. Use a P2 dust filter and safety goggles when sanding. Ensure adequate ventilation during application and drying. Avoid eating, drinking and smoking whilst using the paint. Do not allow to enter sewer systems, bodies of water or the soil. Remove paint splatters from any type of surfaces with water whilst wet. For more information see EC safety data sheet.
Disposal	Only recycle fully emptied containers. Take residual liquid material to an authorised collection point for paint/varnish waste. Dried out residual material can be disposed of as hardened paint or household waste. EWC - waste code no. 080112.

Guidelines for Application

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Layering coats

Apply an even coat, only diluted with approx. 5% water when necessary. On high contrast, strong or variably absorbent surfaces, we recommend a base coat.

Application process

Can be applied with paintbrushes, rollers and airless devices.

Airless application

Nozzle	0.021"
Pressure	160 - 190 bar
Spray angle	approx. 50°

Processing and drying temperature

Application temperature + 5°C surface, ambient and drying temperature.

Drying time

At + 23 °C and 50% rel. humidity, dust-dry and ready to re-coat after approx. 6 hours. At lower temperatures or higher humidity, the drying time will be longer.

Cleaning tools/ airless tools

Clean the tools/devices with water immediately after use.

Please note

To avoid bumps on large surfaces, a quick wet on wet coat is necessary. For airless application, mix the paint thoroughly before use and if necessary dilute and strain. Improvements to the surface can stand out depending on the surface and lighting conditions (observe BFS data sheet 25).

Preparing the surface

The surfaces must be secure, dry, free of dirt, efflorescence, discolouration, fungi, sintered layers, powdered layers, and separable substances. Any old coatings must be checked for suitability, adhesion and paintability. Please refer to VOB, part C, DIN 18363, paragraph 3, the relevant BFS data sheets and technical data sheet 001.

Notes on gypsum-based putty

Under unfavourable drying conditions, gypsum-based putties that are level with the substrate at "zero" can swell, form bubbles and flake off due to the moisture in the paint coating and lead to adhesion problems later on. For this reason, the suitability of the various materials must be checked in advance and data sheet No. 2, Filling gypsum boards of the Federal Association for the Gypsum and Plasterboard Industry, must be observed. In individual cases, subsequent reinforcement with a non-pigmented, transparent primer (Diessner CleanAir Tiefgrund (CleanAir Penetrating Primer)) should be tested on a sample surface. In case of doubt, the gypsum-containing filler layer must be removed or, if the substrate requires levelling work, dispersion-bonded fillers (Diessner CleanAir Akkord Flächenspachtel (Surface Filler)) should be used and pre-treated with a primer coat of Diessner CleanAir Tiefgrund (Penetrating Primer).

Filling surfaces containing gypsum, which have been produced in a load-bearing thickness, must be levelled with a pre-coating of Diessner CleanAir Tiefgrund (Penetrating Primer).

Note

The details in this technical information are compiled to the best of our knowledge and comply with our most current application technology. However, these details can only provide non-binding recommendations, as the

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suitable technique varies according to the actual surface conditions and can typically only be determined on the actual object. Please note any special conditions at the site. Legal obligations cannot be derived from the information listed above.

Since the different base surface materials and the working conditions are out of our control, we recommend performing sufficient tests, to ensure our products are suitable for the intended application and processes.

This technical data sheet replaces all previous versions.