

Diessner Diesco 73

Dispersion paint for interior use
Wet abrasion class 2



New white level, higher viscosity! High coverage, ultra-white interior emulsion paint

- Water-dilutable
- ELF = minimum emissions, free of solvents and softeners
- Free of fogging-active substances
- Good coverage
- Wet abrasion class 2
- Durable, easy to clean
- Dull-matte
- Easy to handle
- Environmentally friendly, low odour
- Diffusible

Proven quality since 1973

Application

Dispersion paint with very good coverage for interior walls and ceilings. Due to the ELF-property, it is very suitable for sensitive residential and other building areas. Suitable substrates include brickwork, solid plasters, plasterboard panels, concrete, fibre cement boards, woodchip wallpapers, fibre glass wallpapers, old paint that can be coated and similar surfaces.

Technical data

Binding agent base	Plastic dispersion in accordance with DIN 55947
Pigment base	Titanium dioxide
Rating in accordance with DIN EN 13300	
Gloss level	Dull matte
Wet abrasion	Class 2
Contrast behaviour	Coverage class 1 with a spreading rate of 7 m ² per litre
Maximum grain size	Fine (<100 µm)
Thickness	approx. 1.5 g/ml
VOC content	Class a type wb, VOC threshold value as of 2010 = 30 g/l, VOC content <0.1 g/l
Colour	White
Tinting	Can be tinted at the plant or using Diessner full-tone and tinting colours. Tinting

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can result in deviations from the promised technical data. Tinting can lead to the loss of the ELF-property in particular. The supplied colours are to be checked for colour accuracy before painting and the BFS bulletin no. 25 is to be adhered to. For intensive colours with poor coverage due to their pigment characteristics, apply an undercoat of DiessnerMIX Color Base inside tinted in the desired colour.

Container size	1, 2.5, 5, 12.5 and 15 litre containers
Storage	Store cool but frost-free. Seal opened containers well and use within a short period. Unopened containers can be kept for a minimum of 24 months.
Coverage	Depending on the absorbency of the substrate, approx. 130 - 150 ml/m ² per coat on a smooth substrate, substantially more on textured surfaces. Test any object-specific deviations with a trial coat patch.
Product code	
Colours and paint	M-DF 01
Hazard identification	Not applicable
Declaration of ingredients	Plastic dispersion, titanium dioxide, calcium carbonate, silicates, water, additives, preservatives Advice for people allergic to isothiazolinone is available on telephone number +49 (0)30 60 00 0249
Special notes	Keep out of reach of children. Rinse thoroughly with water in case of contact with the eyes. Before use, always read label and product information. When using in a spraying process, do not breathe in the spray mist and use suitable breathing apparatus. Do not allow the paint to enter drainage systems, waterways or soil. Cover all areas to be painted carefully. Wash off paint splashes on all kinds of surfaces with water while the paint is still wet. For more information, see EC safety datasheet.
Disposal	Only completely empty containers should be passed on to recycling. Remaining liquid materials should be brought to an authorised collection point for old paint/varnishes. Dried material residues can be disposed of as hard paint or domestic waste. Waste key no. 080112 according to the AVV waste directory regulation.
<u>Handling guidelines</u>	
Coating structure	An even coat, thinned down with max. 5% water if required. An initial coat of primer thinned down with max. 10% water is advisable on high-contrast substrates that have a high or varying degree of absorbency. Apply 1-2 coats on background fleece, each diluted with 10% water.

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Method of application	Can be applied with brush, roller and airless equipment.
Airless application	Nozzle 0.021" – 0.026" Spray pressure 150 - 180 bar Spray angle 40° - 50°
Lower limit for application temperature	+ 5°C substrate and ambient temperature.
Drying time	Surface dry and paintable after approx. 4-6 hours at a temperature of + 23°C and 50% relative humidity. The drying time will be longer for lower temperatures or higher humidity levels.
Cleaning the tools/airless equipment	Clean tools/equipment with water immediately after use.

Please note

In order to avoid any deposits on larger areas, it is essential to apply a rapid coat wet on wet. If using airless equipment, mix the paint thoroughly before use and strain and thin down if necessary. Cleaning work on dry coating film can change the gloss level of the surface or cause a slight abrasion. In case of dark colours, mechanical stress on surfaces can lead to scratches (the so-called brushing effect).

Substrate preparation

Substrates must be solid, dry, free of dirt, blooming, discolouration, fungal growth, sintered layers, multi-grain layers and separating substances. Any old coats that are to be treated must be tested for their suitability, adhesion and stability. Pay attention to VOB (contracting rules for award of public works contracts), part C, DIN 18363, para. 3, the respective BFS datasheets and the technical datasheets 001.

Note

This technical information is compiled to the best of our knowledge and corresponds to our state-of-the-art application technology. However, you can only obtain non-binding advice as the working method in each individual case is dependent on the condition of the structure to be coated and can only be decided on the basis of the actual surface in question. Conditional exceptions are to be taken into account on site. Liability cannot be derived from the aforementioned information.

Due to the different substructure materials and the working conditions that are out of our control, we recommend conducting sufficient tests in each case to ensure the suitability of our products for the intended procedures and purposes.

All previous versions cease to apply with the publication of this technical datasheet.