

Technical data sheet

Diessner Decor Interior Plaster K 1 mm

(Diessner Decor Innenkratzputz K 1 mm)

Interior plaster
Scraped surface
texture



Ready-to-use structural plaster for interior use

- Very easy to spread
- Very robust and hard-wearing surface
- Uniform texture
- Fibre-reinforced, low-stress
- Easy and flexible to handle
- Environmentally friendly, low-odour
- Can be thinned down with water
- Alkali-resistant, therefore saponification-resistant
- Grain sizes: 1.0 mm

Use

Ready-to-use fine interior plaster with a decorative scraped surface texture. For robust surfaces in living and function rooms, in foyers, corridors and staircases. Particularly beautiful surface effects are achieved in combination with the VALPAINT metal effects as a top coat.

Suitable substrates include all solid plasters from the mortar groups P Ic, P II,-P III and P IV, concrete, plasterboard panels, firmly-adhesive old paints and similar surfaces.

Technical data

Binding agent base	Plastic dispersion in accordance with DIN 55947
Pigment base	Titanium dioxide
Water vapour permeability	high class, corresponds to sd-value < 0.14 m in accordance with DIN EN 1062
Colour	White
Tinting	Can be tinted using Diessner MIX, in the factory or with commercially available dispersion-based full shades and tints. Tinting can change the offered properties and delay the drying behaviour. Please refer to BFS datasheet no. 25. The supplied colours are to be checked for colour accuracy before painting.
Container size	25 kg container

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Storage	Store in a cool, frost-free environment. Seal opened containers well and consume in short order. Unopened containers can be kept for a minimum of 24 months.
Coverage*	approx. 1.7 – 1.9 kg/m ² *The standard values indicated for material coverage refer to a smooth subsurface without any loss from pouring or spillage. A trial coat can be applied to determine any differences in the subsurface or handling
Product code for paints and varnishes	M-DF 01
Hazard identification	none
VOC content	Class a type wb, VOC threshold value as of 2010 = 30 g/l, VOC content <10 g/l
Declaration of ingredients	synthetic resin dispersion, titanium dioxide, calcium carbonate, silicates, water, film forming aids, additives, preservatives. Advice for people allergic to isothiazolinone is available on telephone number +49 (0)30 60 00 02 49.
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 approved breathing apparatus during spraying work. 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 recycle completely empty containers. 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.

Handling guidelines

Coating structure	Even out absorbent substrates with Diessner Penetrating Primer (Diessner Hydrosol-Tiefgrund). Apply an intermediate coat using Diessner Plaster Base (Diessner Putzgrund) in the colour of the plaster coating. Thin down the material
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with max. 2 % of water if required and mix thoroughly with an electric agitator. Cover the entire surface using stainless steel trowels and smooth off evenly depending on the grain size. Wipe off (rub off) immediately with a plastic trowel or PU float. The choice of tool influences the roughness of the finished surface.

Tools, machines

Use stainless steel trowels to lift up the plaster and plastic trowels or a PU float to rub it off. Can also be used with any suitable fine plaster spraying machines (screw pumps) or hopper guns.

Spray coating: Nozzle: 3-4 mm,
Spray pressure: 3-4 bar
Atomizer air pressure: approx. 0.5-1.5 bar as required
Atomizer volume of air: approx. 500 litres/minute.

Application and drying temperature lower limit

Do not use if the subsurface, ambient or drying temperature is below +5°C and above +25°C. Do not use if the relative humidity is above 85%. Note: the handling period is significantly reduced at temperatures above +25°C.

Drying time

Surface dry after approx. 24 hours and completely dry, paintable and hard-wearing after three days at a temperature of + 23° C and 50% relative humidity. Lower temperatures and/or higher humidity increase the drying time significantly. Protect from any humidity during the drying period.

Cleaning the tools/ Airless equipment

Clean tools/ equipment with water immediately after use.

Please note

During the work, please note the VOB (contracting rules for award of public works contracts), part C, DIN 18363, para. 3. In order to avoid any deposits on larger areas, it is essential to apply a rapid coat wet on wet. Pay attention when wiping off on a smooth texture.

Slight fluctuations are possible in the colour and texture on account of the use of natural fillers. You should thus only use material from the same batch or mix different batches beforehand on connected areas.

Occasional darker grains (black grains) may be found when using natural aggregates.

Working methods, tools and subsurfaces have a significant effect on the colour, texture and material coverage.

Not suitable for surfaces with any water loading.

In case of tinted plasters, mechanical strain on the surface can lead to changes in colour (so-called brushing effect or breakdown of the filler/pigment). Consistent colour accuracy cannot be guaranteed with the existing subsurface especially with subsurfaces that have different absorption, drying conditions or different surface

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textures. Furthermore, alkali compounds that are present in the subsurface or any other ingredients can affect the colour. Please refer to BFS datasheet no. 25.

Suitable substrates and their preparation

The substrates have to be smooth and level because of the grain size, irregularities in the substrate cannot be compensated (concealed) with this top coat. In addition, the substrates must be even, solid, free of dirt, blooming, discolouration, fungal growth, sintered layers, multi-grain layers and separating substances. Subsurfaces must be dry (must have reached their equilibrium moisture content). Any old coats that are to be treated must be tested for their suitability, adhesion and stability. Please note the VOB (contracting rules for award of public works contracts), part C, DIN 18363, para. 3 and the respective BFS bulletins. In case of cleaning work, the legal regulations are to be adhered to. It is recommended to create sample patches before beginning any work and thus to check adhesiveness and surface appearance. Please refer to the technical information for Diessner primers prior to carrying out any work. For detailed instructions about substrate pre-treatment, please refer to the Diessner technical datasheet 001.

Note

Information given in 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 data sheet.