

# Technical data sheet

## Diesscolith Grundierfarbe (Diesscolith Undercoat)

Primer for interior and exterior use



### White-pigmented primer for interior use

- Free from solvents
- Can be thinned down with water
- Low-odour
- Bonding agent
- Good coverage
- Easy to use
- Stress-free

### Application

Undercoat for non-silicifiable, weak or non-absorbent substrates, such as organic old paintwork, gypsum plasters, plasterboard panels, etc. prior to subsequent interior Diesscolith coatings.

### Technical data

<b>Binding agent base</b>	Synthetic resin dispersion, potassium water glass
<b>Pigment base</b>	Titanium dioxide
<b>Density</b>	approx. 1.55 g/ml
<b>Colour</b>	White
<b>Container size</b>	16 kg container
<b>Storage</b>	Store in a cool, frost-free environment. Seal opened containers well and consume in short order. 24 months shelf-life if unopened. See imprint on container for date of manufacture.
<b>Coverage</b>	Depending on method of application and substrate quality approx. 150-200 g/m <sup>2</sup> per coat. Apply a test coat to determine any potential differences relating to your project.
<b>Product code for paints and varnishes</b>	M-SF 01
<b>Hazard identification</b>	Not applicable

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exterior use

<b>Declaration of ingredients</b>	Polymer dispersion, water, potassium water glass, titanium dioxide, calcium carbonate, additives, glycol ether, preservative: (Further information: see EC DIN Safety Data Sheet). Advice for people allergic to isothiazolinone is available on telephone number +49 (0)30 60 00 02 49.
<b>Special notes</b>	Keep away from 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 a A2/P2 combo filter for paint spraying. Use P2 dust filter 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 soil. Remove paint splatters from any type of surfaces with water whilst wet. For more information see EC safety data sheet.
<b>VOC content</b>	Class g type wb, VOC limit from 2010 = 30 g/l, max. VOC value < 10 g/l
<b>Disposal</b>	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.
<b><u>Handling guidelines</u></b>	
<b>Application:</b>	Apply Diescolith undercoat using brush or roller and distribute evenly. If necessary, thin down with max. 3% water.
<b>Airless application</b>	If necessary, thin down and sift the material before the airless application or ask for an Airfix factory adjustment before ordering the material. For exterior applications, after spraying the material, evenly work the material into the surface and spread with a paint roller.  Nozzle: 0,021 - 0,026 inch Spray pressure: 150 - 180 bar Spray angle: 40°- 50°
<b>Application methods</b>	Can be applied with brush, roller, paint brush and airless equipment.
<b>Cleaning the tools / airless equipment</b>	Clean with water immediately after use.
<b>Application temperature</b>	

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- lower limit** Do not use if the ambient, subsurface and drying temperature is below +8°C.  
Do not apply onto heated substrates
- Drying time** Surface dry and paintable after approx. 8 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

To avoid uneven deposits on larger surfaces, it is necessary to apply the coats of paint quickly and wet-on-wet. If using airless equipment, mix the paint thoroughly before use, strain and thin down if necessary or order the AIRFIX-Airless Quality. When using in rooms that are used for storing foodstuffs, we recommend removing these goods for the renovation and drying period.

### 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 007.

### 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 data sheet.*