

BERGOLIN ANTI DIRT GLIDE 2D7000

Series 2D7000 · Transparent anti-graffiti and easy-to-clean coating based on inorganic-organic hybrid technology



01 PRODUCT DESCRIPTION

Bergolin Anti Dirt Glide 2D7000 is a transparent, high-performance coating that forms an ultra-thin, glass-like protective layer on almost any substrate, based on an innovative inorganic-organic hybrid technology. The layer bonds firmly to the substrate and lowers its surface energy so far that dirt, water, grease films and even graffiti paint bead up and glide off instead of taking hold. The extremely smooth, virtually pore-free surface denies spray paint, felt-tip pens, chewing gum and stubborn soiling any lasting grip. Unlike classic sacrificial coatings, the product does not wear away during cleaning: the protection remains fully intact application after application and does not need to be renewed after graffiti removal. Its crystal-clear, colourless appearance leaves the look, texture and colour of the coated substrate completely unchanged. The exact formulation is a Bergolin trade secret; development focused on maximum dirt and graffiti repellence combined with the simplest, most material-friendly cleaning.

02 PRODUCT PROPERTIES

Binder system	Inorganic-organic hybrid technology (glass-like network structure), 1K
Cleaning thinner	Superdur Thinner 5D402
Characteristics	 Trans- parent  Scratch- resistant  Weather- resistant  Chemical- resistant  Easy-to- clean
Color shade	Transparent / clear as glass (slightly tinted special shades on request)
Gloss	Glossy
Shelf life	Approx. 12 months in the closed original container at +4 °C to +25 °C. Protect from frost and moisture.
Pencil hardness (fully cured)	Up to 9H
Surface energy	< 30 mN/m
Temperature resistance *1	Permanently up to 300 °C
Water contact angle	> 100°

Property	Comp. A	Comp. B	Mixture
Density · DIN EN ISO 2811-1 · +20 °C	Approx. 0.90 g/cm³	–	–
VOC content · IE Directive 2010/75/EU	< 100 g/l	–	–
Solid content (wt.-%) · SDS	Approx. 25 – 30 %	–	–
Flow viscosity · DIN EN ISO 2431 · +20 °C	Approx. 20 – 30 s (4 mm)	–	–

*1 Depending on color shade

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03 APPLICATION

The following information may vary depending on the application. Please contact your direct contact person for more detailed information.

Substrate	Mineral substrates (concrete, natural stone, render, clinker), metal, sound existing coatings, glass, smooth plastic surfaces (further substrates on request)
Surface preparation	The substrate must be clean, dry, load-bearing and free from release agents, grease, oil and loose particles. Highly absorbent or porous substrates should be pre-treated if necessary; consultation with our Technical Service is recommended.
Theoretical consumption	Approx. 40 – 65 ml/m ² per coat (equivalent to approx. 15 – 25 m ² /l); recommended dry film thickness approx. 5 – 15 µm
Application method	 Spraying  Brushing  Wipe application Wipe application with a nonwoven or microfibre cloth; airless application is also possible for large areas.
Application conditions	 Air temperature +10 °C to +40 °C  Relative humidity < 80 %  Dew point Min. 3 °C below object temperature
Recoating interval (with itself) ^{*2}	Min. 2 h max. 48 h. After the maximum time has elapsed, mechanical surface preparation (e.g. light sanding) is required.
DRYING^{*2}	
Dust-dry	Approx. 2 – 3 h
Tack-free	Approx. 5 h
Fully loadable (mech. & chem.)	After complete curing (approx. 7 days, moisture curing)
Compatible systems	The product can be combined with numerous other Bergolin products to form a coordinated coating system. Our Technical Service will be glad to help you determine the suitable system combination.

^{*2} Values are based on laboratory measurements at +20 °C. Lower temperatures slow down drying; higher temperatures accelerate it.

04 NOTE

This product data sheet supersedes all previously published product data sheets. The information contained herein is based on practical experience under standard conditions and assumes proper storage and processing. Substrates, materials and working conditions may vary. Therefore, no warranty or liability can be derived from the information contained in this document or from verbal consultation. It is the buyer's responsibility to verify the product's suitability for the intended use. Preliminary trials are recommended. The relevant legal regulations, the leaflets of the BG RCI and the accident prevention regulations of the responsible employers' liability insurance association must be observed. In all other respects, our General Terms and Conditions of Sale and Delivery apply.

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**MODIFIED BY**

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