

SUPERDUR-FÜLLGRUND 3D981

Series 3D981 · Solvent-borne 2K PUR filler primer with high filling power for GRP surfaces



01 PRODUCT DESCRIPTION

Superdur-Füllgrund 3D981, light grey is a solvent-borne two-component PUR filler primer for GRP surfaces. It is characterised by high filling power and very good levelling properties, evens out surface irregularities and forms an easily overcoatable basis within the coating system. After sanding, a uniform, sound primer layer is available for the subsequent top coats.

02 PRODUCT PROPERTIES

Binder system	Polyurethane			
Hardener system	Bergolin PUR Hardener 7D054			
Adjustment thinner	Bergolin Thinner 5D411 (> 20 °C) or 5D402 (< 20 °C)			
Cleaning thinner	Bergolin Thinner 5D402			
Characteristics	 High fill	 Good levelling	 Pigmented	 High solid
Color shade	Light grey			
Gloss	Matt			
Shelf life	Approx. 12 months in the unopened original container at +4 °C to +40 °C. Protect from frost and moisture.			

Property	Comp. A	Comp. B	Mixture
Density · DIN EN ISO 2811-1 · +20 °C	Approx. 1.50 g/cm³	Approx. 1.06 g/cm³	Approx. 1.45 g/cm³
VOC content · IE Directive 2010/75/EU	Approx. 283 g/l	Approx. 265 g/l	Approx. 280 g/l
Solid content (wt.-%) · SDS	Approx. 81 %	Approx. 75 %	Approx. 80 %
Viscosity · DIN EN ISO 2555 / ISO 2431 · +20 °C	Approx. 2,250 mPas	Approx. 35 s (4 mm)	Approx. 50 s (6 mm)

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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	GRP as well as sound underlying coatings (e.g. gelcoat); further substrates on request
Surface preparation	The surfaces to be coated must be clean, dry, load-bearing and free from contamination (e.g. oil, grease and dust). Release-agent residues must be removed completely. Mechanical sanding is not mandatory; if sanded, clean the surface from sanding residues afterwards.
Mixing ratio	8 : 1 by weight 5.7 : 1 by volume
Mixing	Add the hardener component completely to the base component and mix intensively for approx. 1 minute with an electric stirrer. Then add the thinner and mix intensively again for approx. 1 minute.
Theoretical consumption	Approx. 325 g/m ² at 150 µm dry film thickness
Application method	 Airless  Airmix
Application conditions	 Application temperature +10 °C to +35 °C (above +20 °C accelerated curing)  Relative humidity 20–80 %  Dew point Object temperature min. 3 °C above dew point
Pot life ^{*1}	> 1 h
Working time ^{*1}	Approx. 1 h
Recoating interval (with itself) ^{*1}	Without intermediate sanding, with itself: min. 1 h max. 72 h
DRYING^{*1}	
Dust-dry (TG 1)	Approx. 2 h (at 250 µm wet film)
Compatible systems	The product can be combined with numerous other Bergolin products to form a coordinated coating system. We will be glad to help you determine the suitable system combination – please contact our Technical Service.

^{*1} Values are based on laboratory measurements at +20 °C. Lower temperatures slow down drying; higher temperatures accelerate it.

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**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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