

KABEDUR Grundierfüller

8 : 1 with PU curing agent 5370

Data Sheet 2330 / Version 07 / 04.2024

General description

Product	KABEDUR Grundierfüller is a heavy solid particles 2-component PU filler, that can be used as primer carious supports. This filler can also be a bonding agent on different plastics.
Resin	Acrylate/polyisocyanate
Pigmentation	Zinc phosphate, organic and inorganic pigments
Usage	Steel construction, metal construction, plant construction, Machine construction, industrial paint plants
Properties	<ul style="list-style-type: none"> – Good anti-corrosion protection – High filling property – Quick drying – High solid particles content – Good sanding property – Excellent lacquer surface property – Adherence on lots of plastics
Degree of gloss	Matt
Colors shade	White (art. 13287), other colours on request (art. 13725)
Container	4 kg, 20 kg (white colours), 4 kg, 8 kg, 16 kg, 20 kg (other colours)
Storage	Store in a cool, dry location in well sealed containers. Pay attention to "Use by" date on label.

Processing notes

Mixing rate	By weight:	8 : 1 with PU curing agent 5370 (art. 10481)
Thinning	10 – 30% EP thinner 5702 (art. 10530). Apply with paintbrush or roll 5 – 10% retarder 2007 (art. 10845).	
	The use of other thinners may lead to impaired results and reduced quality.	
Pot life	Approx. 120 min	
Application	Conventional spraying, Airless, ESTA	
Air - drying	Touch-dry: approx. 30 min Recoatable: approx. 4 hrs	Tack-free: approx. 60 min Sanding: approx. 4 hrs Dry-to-handle: approx. 3 hrs Load-bearing: approx. 5 days
Forced drying	Flashing off: approx. 30 min Drying: approx. 60 min at 60°C	
Dry coating thickness	60 - 120 µm	
Consumption	Theoretical: 250 g/m ² with 90 µm dry film Practical: 320 g/m ²	
EU Directive 2004/42/EG	This product does not meet the VOC limit values of Directive 2004/42/EG, and must not be used in corresponding applications.	
Processing temperature	Not less than +5°C. In order to prevent the build-up of condensation during coating, the surface temperature must be at least 3°C above the dew point.	

Cleaning of equipment	Immediately after use with universal thinner 5119 (art. 10516).
Special notes	DIN EN ISO 12944 is a binding requirement as regards anticorrosion protection.

Recommended method

Substrate	Steel, aluminium, zinc, for synthetic materials control necessary
Pre-treatment	The substrate must be clean, dry, and free from grease, oil and dust. Welded locations must be thoroughly cleaned and any weld scale removed. Thoroughly degrease, abrade, irradiate to Sa 2.5 according to ISO 8501-1, sweep, phosphatize, chromatize.
Topcoat	– KABEDUR Topcoats – POLYAMOL Topcoats
Sanding	P 180 – P 220

Technical details

Density	Approx. 1.40 – 1.60 g/cm ³
Solids	Approx. 70 – 72% weight Approx. 48 – 50% volume
Flashpoint	KABEDUR Grundierfüller > 21°C PU curing agent 5370 > 21°C

Safety data

Safety measures	Refer to the indications on the labels and safety data sheets. The requirements of the SUVA, the Council for accident prevention, have to be respected. Contains flammable solvents and must be kept away from sources of ignition.
Waste disposal	Opened containers, residues or expired material can be brought in particular collection points. The legal guidelines DETEC on the list of waste transport (LVA) in Switzerland, and the European Waste Catalogue (EWC), must be observed.
KABE Recycling	Empty containers and old paints can be returned to KABE in Gossau. Ask for our detailed information brochures.
General information	The information on this technical data sheet relative to the properties and application of the product concerned are made on hand of our knowledge, development and practical experience. Because of the multiple possible applications, it is impossible for us to present them all in detail. Our technical consultants are at your disposal for any question you might have. Furthermore, our general sales and delivery conditions apply.

This technical data sheet is revised periodically. If necessary, our sales department will confirm the validity of this document.