

DRACO® PRIMO 530

TWO-COMPONENT POLYURETHANE PRIMER SPECIALLY FORMULATED FOR DRACO® GARD SYSTEM

Description

DRACO® PRIMO 530 is a two-component primer specially formulated for DRACO® GARD system. It cures fast and it is not toxic.

Advantages

- Fast curing.
- Excellent adhesion to subgrade.
- Excellent covering the substrate.
- Highly hydrophobic.
- It can be filled with mineral filler for sealing.
- It can be used for geotextile saturation and as adhesive.
- Without solvent.

Fields of application

- As primer for porous substrates (concrete, marble, etc.)
- As primer for bitumen membranes and coatings.
- As primer between two coats of DRACO® GARD system when it passes more time than two days.

Surface preparation

- Clean the surface thoroughly, if it is possible use water under pressure. Remove oil, grease and wax contaminants. Cement laitance, loose particles, mould release agents, curing membranes must be removed.
- Fill surface irregularities with adequate materials.

Application

- Mix both components using a low speed (300 rpm) mixer. For airless spraying (200 – 250 bar) dilute it with 30% of DRACO® PRIMO 590. For application with brush or roller dilute it with 20 – 25% of DRACO® PRIMO 590. Dilution enables easier application and better absorption into subgrade (e.g. hard cementitious screed).
 - Apply with roller, brush or airless. When the product is almost cured, while is still tacky (from 1 hour, depending on air temperature and humidity), apply DRACO® GARD system.
 - At high temperatures, if diluted DRACO® PRIMO 530 cures too fast, consider application of primer DRACO® PRIMO 520 instead.
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Physical and technical specifications	CHARACTERISTIC OF LIQUID COAT			
	COMPONENT A	COMPONENT B		
	Viscosity at 25°C:	200 mPa.s	3500 mPa.s	
	Specific weight at 20°C:	1,20 g/cm ³	1,00 g/cm ³	
	Colour:	Dark brown	Transparent	
	Mixing ratio by weight:	1	1,5	
Mixing ratio by volume:	1	2		
ADHESION TEST OD CURED DRACO® PRIMO 530				
SUBGRADE			PERFORMANCE	COMENT
Galvanized steel:	> 10 N/mm ²		Device failure	
Concrete:	> 4 N/mm ²		Concrete failure	
Humid concrete:	> 4 N/mm ²		Concrete failure	
Marble:	> 4 N/mm ²		Marble failure	
DRACO® GARD 500 on primer:	> 5 N/mm ²		Device failure	

Consumption

- Depending on subgrade porosity (100 - 500 g/m²).

Safety and storage

- DRACO® PRIMO 530 can be kept for 12 months minimum in the original unopened pails in dry places and at temperatures of 5°C - 25°C.
- Once opened, use as soon as possible.

Warnings

- DRACO® PRIMO 530 is a product that can irritate the skin, eyes and the respiratory system.
- The user must check the suitability of the product for the intended use and purpose of the product.
- All the physical and technical specifications listed in this Technical Data Sheet are based on laboratory tests.
- Data and recommendations related to the application and end-use of DRACO products are given in good faith based on DRACO's current knowledge and experience for products that are properly stored and used in accordance with DRACO guidelines.

Limitations

- On different materials or unknown coatings test should be performed.

Packaging

- Set of 1,0 kg (component A = 0,4 kg + component B = 0,6 kg)
- Set of 4,0 kg (component A = 1,6 kg + component B = 2,4 kg)