

DisboXAN 485

Imprägnierung, lösungsmittlehaltig



Siloxane-acrylic resin based, hydrophobic impregnation for mineral, silicate based exterior surfaces.

Product Description

Field of Application

Hydrophobic impregnation of mineral, silicate-containing facades.
Water-repellent primer to increase the frost/de-icing salt resistance under methacrylic resin coatings.

Note: Solvent-based impregnations should not be applied on single-leaf walls. Under certain conditions, solvent vapours can penetrate through the masonry into interior rooms. Apply Disboxan 450 Fassadenschutz or Disboxan 451 ImprägnierCreme on single-leaf walls.

Material Properties

- Low viscosity, penetrating and water-repellent
- Improves resistance against frost and de-icing salt under methacrylic resin coatings
- Prevents dust accumulation, algae and moss growth, moisture stains and efflorescence on facades
- Gives a wet surface aspect (colour intensifying effect)

Material Base / Vehicle

Siloxane-acrylic resin. Solvent-based.

Packaging/Package Size

10 l can

Colours

Transparent

Storage

Kepp in a cool and dry place. Shelf life of the original tightly closed cans: 12 months.

Technical Data

- Density: approx. 0.8 g/cm³
- Flash point: > 21 °C

Application

Suitable Substrates

Absorbent and dry mineral, silicate-based substrates, such as clinker brickwork, sand-lime bricks, concrete, concrete blocks, cement-based and lime plasters.
The substrate must be clean, frost resistant and free of inclusions and separating materials.
The penetration of water and moisture in cracks, joints, rough-textured pores, etc., must be prevented.

Substrate Preparation

Prepare with suitable means, so that no loose parts and separating materials exist on the substrate.
The material is slightly film forming.
A solidifying effect on slightly brittle or weathered surfaces is only achievable up to a limited extent.
The soundness of the substrate must be checked before applying further coatings.

Preparation of Material

The material is ready for use.

Method of Application

Apply facade sealer Disboxan 485 with a brush or using the flow coating method generously in one or two coats (wet-on-wet method), depending on the absorbency of the substrate.

Consumption

Approx. 200 – 400 ml/m² per coat, depending on the absorbency of the substrate.



Application Conditions	Material, Atmospheric, and Substrate Temperature: Min. 5°C, max. 30°C during application and drying.
Drying/Drying Time	At 20 °C and 60% relative humidity approx. 2 hours.
Tool Cleaning	Immediately after use with thinner Disbocolor 499.

Advice

German Certificates	<ul style="list-style-type: none"> ■ 3-1001 Regulation of the water vapor permeability and the capillary water admission Fraunhofer institute of construction physics, Stuttgart ■ 3-1002 Evaluation of the water vapor permeability, CO₂ porosity, Water admission coefficient Material test institution for the civil engineering, University of Technology of Braunschweig
Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)	Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Keep away from sources of ignition - No smoking. Do not breathe vapours, aerosols. Avoid contact with skin and eyes. Do not empty into drains. In case of insufficient ventilation, wear suitable respiratory equipment. Use only in well-ventilated areas. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
Disposal	Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be paid to removing wastage from site in compliance with standard construction site procedures. In Germany: Only completely emptied containers should be given for recycling. Containers with residues of material must be delivered to a collecting point for old enamels.
EU limit value for the VOC content	of this product (category A/j): 750 g/l (2010). This product contains max. 720 g/l of VOC.
Product Code Paints and Enamels	M-GF03
Further Details	See Material Safety Data Sheet (MSDS). Follow the application references while applying our materials.
Customer Service Centre	<p>Tel.: +49 6154 71-71710 Fax: +49 6154 71-71711 e-mail: kundenservicecenter@caparol.de</p> <p>International Distribution: Please see www.caparol.com</p>

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