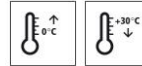


Technical Data Sheet

StoPma DL 300 transparent

PMMA sealing coat for the StoPma balcony system, transparent



Characteristics

Area of application	• exterior • onto cementitious substrates and system-compatible PCC screeds • for balconies and access balconies
Properties	• PMMA • rapid curing • workable from 0 °C to 30 °C • UV- and weather-resistant
Appearance	• transparent
Information/notes	• StoPma DL 300 transparent is used exclusively as a sealer for the StoPma balcony system

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Viscosity (at 23 °C)	EN ISO 3219	140 - 180 mPa.s	
Elongation at break		> 100 %	
Density (mixture 23 °C)	EN ISO 2811	0,98 g/cm ³	

The characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

Substrate

Requirements	Concrete or cementitious screed: admixtures and curing compounds can lead to incompatibility. Test the compatibility of StoPma GH 300 with the respective substrate at the project site. The substrate must be dry, load-bearing, and free from native and foreign release agents. Remove less strong layers and laitance. Dry in accordance with the definition of the DAfStb (German) Repair Guideline
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2001-10, but depending on the compressive strength class. The moisture content may not exceed 4 CM per cent for concrete qualities up to C30/37 and max. 3 CM per cent for C35/45 concrete, measured with a calcium carbide meter. Substrate temperature higher than 0 °C and 3 K above dew point. Average bond strength: 1.5 N/mm² Bond strength, lowest single value: 1.0 N/mm²

Preparations

Prepare the substrate using a suitable mechanical process such as shot-blasting, milling and then shot-blasting, or abrasive blasting, or diamond-grinding.

Reduce roughness depths > 1.5 mm by e.g. diamond-grinding. A scratch coat as part of the system is not possible. Do not fill StoPma GH 300.

For profiling larger recesses or gaps, only use system-compatible StoCrete PCC mortar and StoPox Mörtel standfest. Information about system-compatible PCC mortars is available from the StoCretec Technical Information Centre.

Application

Application temperature

Lowest application temperature: 0 °C
Highest application temperature: +30 °C

Time for application

At +20 °C: approx. 15 minutes

Mixing ratio

The amount of catalyst required depends on the temperature of the material and the substrate.

30 °C 0.8 wt% StoPma KAT 300 (40 g / 5-kg pail)

20 °C 1.0 wt% StoPma KAT 300 (50 g / 5-kg pail)

10 °C 2.0 wt% StoPma KAT 300 (100 g / 5-kg pail)

0 °C 3.0 wt% StoPma KAT 300 (150 g / 5-kg pail)

Material preparation

Stir StoPma DL 300 transparent thoroughly to ensure that the paraffin is evenly distributed.

Then add exactly the right amount of catalyst.

Mix thoroughly with a slow-running paddle mixer (maximum 300 rpm).

Mixing time at least 1 minute.

Apply immediately.

Consumption

Type of application

Approx. consumption

depending on the required slip resistance

0,3

kg/m²

Material consumption depends on the application, substrate, and consistency, among other factors. The stated consumption values are only to be used as a

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StoPma DL 300 transparent

guide. If required, determine precise consumption values on the basis of the specific project.

Application

- 1) Priming: see the Technical Data Sheet for StoPma GH 300
 - 2) Waterproofing: see the Technical Data Sheet for StoPma EZ 300
 - 3) Coating: see the Technical Data Sheet for StoPma DL 300
 - 4) Scattering chips: see the Technical Data Sheet for StoPma DL 300
- StoPma DL 300 can be reworked after 90 minutes. Break the raised edges of the StoChips 1 mm before overcoating. Suction clean the surface.
- 5) Transparent sealing: pour StoPma DL 300 transparent on to the surface and distribute using a roller.
- Consumption: 0.3 kg/m³ (depending on the required slip resistance)
- StoPma DL 300 transparent is ready for foot traffic after 2 hours.

Cleaning the tools

After use, clean immediately with StoDivers EV 100 or StoCryl VV. Leave tools to air-dry for 30 minutes before using again.

Notes, recommendations, special information, miscellaneous

General application instructions are available at www.stocretec.de and in the notes of the latest Technical Manual.

Delivery

Packaging tin pail

Article number	Name	Container
09324-001	StoPma DL 300 transparent	5 kg pail

Storage

Storage conditions Store in dry and frost-free conditions. Protect from direct sunlight. Avoid temperatures above +25 °C.

Storage life In the original container until ... (see packaging).

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StoPma DL 300 transparent

Identification

Product group Sealing coat

GISCODE RMA10

Safety

This product is subject to compulsory labelling in accordance with the current EU regulation.
You will receive an EU Safety Data Sheet with your first order.
Please observe the information regarding the handling of the product, its storage, and disposal.

Special notes

The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use.
Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products.

When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on the Internet.

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