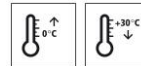


# Technical Data Sheet

## StoPma DL 300

PMMA coating for the StoPma balcony system



### Characteristics

- Area of application**
- exterior
  - onto cementitious substrates and system-compatible PCC screeds
  - for balconies and access balconies

- Properties**
- PMMA
  - rapid curing
  - suitable for application from 0 °C to 30 °C
  - UV- and weather-resistant

- Appearance**
- coloured

- Information/notes**
- StoPma DL 300 can only be used as a coating in the StoPma balcony system.

### Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Viscosity (at 23 °C)	EN ISO 3219	190 - 270 mPa.s	
Elongation at break		> 100 %	
Density (mixture 23 °C)	EN ISO 2811	1.10 g/cm <sup>3</sup>	

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 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.

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Substrate temperature higher than 0 °C and 3 K above dew point.  
Average bond strength: 1.5 N/mm<sup>2</sup>  
Bond strength, lowest single value: 1.0 N/mm<sup>2</sup>

### 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 thoroughly to evenly distribute the paraffin.

If applying StoPma DL 300 to steeply inclined or vertical surfaces, it can be filled with up to 2.0 wt% (100 g / 5-kg pail) of StoDivers ST.

Before adding the catalyst, stir the StoDivers ST thixotropic additive into the base components and homogenise.

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

##### Approx. consumption

0.7 kg/m<sup>2</sup>

Material consumption depends on the application, substrate, and consistency, among other factors. The stated consumption values are only to be used as a guide. If required, determine precise consumption values on the basis of the

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## StoPma DL 300

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: pour StoPma DL 300 on to the surface and distribute using a roller. Do not de-air with a spiked roller!
- Consumption: approx. 0.7 kg/m<sup>2</sup>
- 4) Scattering chips: Scatter a light surplus of StoChips 1 mm.
- Consumption of StoChips 1 mm: approx. 0.6 g/m<sup>2</sup>
- StoPma DL 300 can be reworked after 90 minutes. Break the raised edges of the StoChips 1 mm before overcoating. Suction clean the surface.

### 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](http://www.stocretec.de) and in the notes of the latest Technical Manual.

### Delivery

**Colour shade** RAL 7023, 7032, 7035, 7038

### Packaging

tin pail

Article number	Name	Container
09324-002	StoPma DL 300 tinted	5 kg pail
09324-006	StoPma DL 300 RAL7038	5 kg pail
09324-005	StoPma DL 300 RAL7023	5 kg pail
09324-004	StoPma DL 300 RAL7035	5 kg pail
09324-003	StoPma DL 300 RAL7032	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

### Identification

Product group	Coating
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### 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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