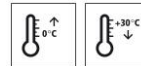


Technical Data Sheet

StoPma GH 300

PMMA primer 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
- low viscosity

Appearance

- transparent

Information/notes

- StoPma GH 300 can only be used as a primer for the StoPma balcony system.

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Viscosity (at 23 °C)	EN ISO 3219	100 - 130 mPa.s	
Density (mixture 23 °C)	EN ISO 2811	1.02 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.

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. 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

Technical Data Sheet

StoPma GH 300

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 2.0 wt% StoPma KAT 300 (100 g / 5 kg pail)
20 °C 3.0 wt% StoPma KAT 300 (150 g / 5 kg pail)
10 °C 4.0 wt% StoPma KAT 300 (200 g / 5 kg pail)
0 °C 6.0 wt% StoPma KAT 300 (300 g / 5 kg pail)

Material preparation Stir StoPma GH 300 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	Approx. consumption	
		0.3 - 0.5	kg/m ²
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 specific project.			

Application

Apply StoPma GH 300 with a rubber squeegee, flooding until the substrate is totally free of pores, and then evenly spread the material by rolling. Avoid the formation of puddles. Prime until the substrate is saturated. A closed film of resin is necessary for curing. If the substrate is highly absorbent, prime in several layers, wet on wet.

Technical Data Sheet

StoPma GH 300

Consumption: approx. 0.3-0.5 kg/m²

StoPma GH 300 can be reworked after 60 minutes.

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	Only apply StoPma GH 300 unfilled. General application instructions are available at www.stocretec.de and in the notes of the latest Technical Manual.

Delivery

Packaging	tin pail
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Article number	Name	Container
09322-001	StoPma GH 300	5 kg pail

Storage

Storage conditions	Store in dry and frost-free conditions. Avoid direct sunlight. Avoid temperatures above +25 °C.
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Storage life	In the original container until ... (see packaging).
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Identification

Product group	Primer
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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.
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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.

Technical Data Sheet

StoPma GH 300

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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