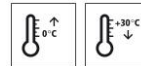


Technical Data Sheet

StoPma EB 300

PMMA self-levelling coating for the StoPma balcony system (liquid component)



Characteristics

Area of application

- exterior
- onto cementitious substrates and system-compatible PCC screeds
- for balconies and access balconies

Properties

- polyurethane-modified PMMA
- rapid curing
- suitable for application from 0 °C to 30 °C
- elastic
- crack-bridging

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Viscosity (at 23 °C)	EN ISO 3219	160 - 200 mPa.s	(Binding agent)
Elongation at break	DIN ISO 527-1	> 200 %	(Binding agent)
Density (23 °C)	EN ISO 2811	0.99 g/cm ³	(Binding agent)

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: Additives and curing compounds can lead to incompatibility. Test the compatibility of the StoPma GH 300 prime coating with the respective substrate at the project site.

The substrate must be dry, load-bearing, and free from native and foreign release agents. Remove weak 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.

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

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Preparations

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

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 the StoPma GH 300 prime coating.

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 1.0 weight- % StoPma KAT 300 (200 g / 20 kg pail)
20°C 2.0 weight- % StoPma KAT 300 (400 g / 20 kg pail)
10°C 4.0 weight- % StoPma KAT 300 (800 g / 20 kg pail)
0°C 5.0 weight- % StoPma KAT 300 (1000 g / 20 kg pail)

Material preparation

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

Before adding the catalyst, stir the StoQuarz AS 300 powder component into the StoPma EB 300 liquid component until the mixture is homogenous.

Mixing ratio StoPma EB 300 : StoQuarz AS 300 = 1 : 2 part by weight.

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
	1.3 - 2.0 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

self-levelling coating in the StoPma balcony system
1) Priming: see the Technical Data Sheet for StoPma GH 300

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StoPma EB 300

2) Waterproofing: see the Technical Data Sheet for StoPma EZ 300

3) Self-levelling coating: Pour StoPma EB 300 on to the area and distribute it using a squeegee.

Do not de-air with a spiked roller!

Consumption of StoPma EB 300: approx. 1.3 - 2.0 kg/m²

Consumption of StoQuarz AS 300: approx. 2.6 - 4.0 kg/m²

StoPma EB 300 can be reworked after 120 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

The declaration(s) of performance can be obtained from the StoCretec Technisches InfoCenter
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

02992-006

StoPma EB 300

20 kg pail

Storage

Storage conditions

Store in dry and frost-free conditions. Avoid direct sunlight.

Storage life

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

Identification

Product group

Coating

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.

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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