

Technical Data Sheet

SX300

TREMSmooth HP

High Performance Latex Underlayment

28-03-2025 / V 1

Description

SX300 TREMSmooth HP is a two part general purpose smoothing underlayment for interior applications.



Features and Benefits

- Short setting and cure time, facilitating fast track programs and minimising disruption
- Excellent adhesion to a wide range of common flooring substrates, including: concrete, sand/cement screeds, flooring grade asphalt, TREMCO surface DPM's, etc.
- Water resistant: can be used for pre-smoothing
- Protein free
- Self priming on most surfaces

Usage Purpose

SX300 TREMSmooth HP is semi levelling and is specifically designed for the preparation and smoothing of interior subfloors prior to the application of a liquid applied damp proof membrane and receiving a floor covering.

Packaging

Part A: 20 kg plastic lined reinforced paper sack
Part B: 4.32 kg polythene jerry can

Shelf Life

6 months when stored as recommended in original unopened packaging. High temperatures and humidity will lead to reduced shelf life.

Certificates & Approvals

Declaration of Performance : SX300-2014702

Additional Information

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Moisture Testing (in accordance to British Standards 8203)

Suitable for application on substrates with <75% RH. It is recommended that a moisture test is conducted prior to the application of SX300 TREMSmooth HP. For further details or to arrange a moisture test please contact Tremco CPG UK Limited Technical Services on +44 (0) 1942 251 400.

Accreditations

Complies with HTM 61 requirements.

Technical Characteristics

Composition		Cementitious powder and liquid latex dispersion.
Thickness	Application	1-30 mm
Cure Time (At 20°C)		Between 2-4 hours for foot traffic and 8-12 hours for application of damp proof membrane, floor covering and loading.
Pot Life In +20°C		20 minutes
Tensile Strength		28 days 1.4 N/mm²
Storage		Store in dry, shaded conditions between +10°C and +35°C
Cure Time	at 20°C	Between 2-4 hours for foot traffic and 8-12 hours for application of damp proof membrane, floor covering, and loading.

Application Conditions - Additional

Tremco CPG UK Limited has a network of nationwide approved installers and provides full technical assistance on specific site applications.

Protective Equipment

USE IN WELL VENTILATED CONDITIONS and ensure all recommended protective equipment is worn during handling & use of this product. Do not breathe dust. Contains Portland cement. Skin contact with wet cement, fresh concrete or mortar may cause irritation, dermatitis or burns. For full recommendation, refer to safety data sheet.

Mixing

Gradually add Part A to Part B, continually mixing with a slow speed drill and paddle. Mix the contents for 2-3 minutes to obtain uniformity in colour and consistency.

Priming

In some case it may be necessary to prime with CS150 Acrylic Primer for porous substrates or CS100 Epoxy Primer for non-porous substrates. Always check with the Tremco CPG UK Limited Technical Services.

Areas Of Application

SX300 TREMSmooth HP is a two part general purpose smoothing underlayment for interior applications. SX300 TREMSmooth HP is semi levelling and is specifically designed for the preparation and smoothing of interior subfloors prior to the application of a liquid applied damp proof membrane and receiving a floor covering.

Preparation

Ensure all surfaces to be coated are clean, dry, frost free and free from grease, oil, dirt, dust, loose friable material and any other contaminants (coating, laitance, etc.). Any surface hardener or curing compounds should be thoroughly removed prior to the application of SX300 TREMSmooth HP. For full details of surface preparation contact Tremco CPG UK Limited Technical Services.

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Application

SX300 TREMSmooth HP should be applied directly after mixing by pouring a ribbon of material along the wet edge and then trowelled to form a smooth, even finish. The effective use of spike rolling can reduce visible trowel marks.

Coverage

Thicknesses of 6 mm to feather edge can be applied dependant on surface profile. An average thickness of 3 mm will provide a coverage rate of 5 m² per mix. Thicknesses of 8 mm to 30 mm can be achieved by incorporating an equal volume of 3 mm granite chippings. This will depend on the condition of the substrate and method of preparation (please refer to Tremco CPG UK Limited Technical Department)

Please Note

Not suitable for use in areas that may be subject to high point loading.

Guarantee / Warranty

Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, but which is proved to be defective, will be replaced free of charge. No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. Tremco CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

Health And Safety Precautions

Safety data sheet must be read and understood before use.

Technical Service

Tremco CPG UK Limited has a team of experienced Technical Service Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please contact Customer Services on +44 (0) 1942 251 400.