

SX301

FAST SET LATEX SMOOTHING UNDERLAYMENT



KEY BENEFITS SUMMARY

- May accept foot traffic after approximately 90 minutes
- A low cost viable option in flooring installations
- Protein free - suitable for use in biologically sensitive areas
- Extremely low odour with no unpleasant ammonia smell
- Easy to mix and apply and a smooth surface is produced

PRODUCT INFORMATION

Description

SX301 is a fast setting cement based smoothing product.

Usage/Purpose

SX301 is ideal for use in domestic, light commercial and light industrial environments as an underlayment, prior to application of carpet, wood and vinyl flooring.

Colour

Part A: Grey powder

Part B: White liquid

Packaging

Part A: 22 kg plastic lined reinforced paper sack

Part B: 4.3 kg polythene jerry can

Application Thickness

1 - 10 mm

Standards

All aspects of the installation must be in accordance with the requirements of BS 8204, BS 8203 (Installation of Resilient Floor Coverings) or BS 5325 (Installation of Textile Floor Coverings) and supplementary specifications.

Declaration of Performance

SX301-20140702

Moisture Testing

(in accordance with 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 SX301. For further details or to arrange for a moisture test please contact tremco illbruck Technical Services.

Preparation

- Subfloor preparation is of key importance with products of this nature.
- The surface should be free of oil, grease, weak material, laitance and other contaminants.

- All subfloors, including concrete and highly polished surfaces (e.g. power floated concrete, marble, terrazzo and ceramic tiles), should always be mechanically textured. The floor should then be either vacuumed or swept clean.
- Sound, stable subfloor construction is essential. The substrate should have a surface pull-off strength of >1.5 N/mm².
- It is acceptable to apply SX301 to sound, minimised, non-water soluble adhesive residues that are firmly bonded on dry floors only; however, this product is not suitable for application on to bitumen adhesive residues. Bitumen adhesive residues should be completely removed. It is recognised that the success of the system is dependent on the stability and bond of the adhesive to the substrate.

Priming

No primer is necessary for absorbent surfaces unless particularly dusty. Use CS150 Acrylic Primer on porous surfaces and CS100 Epoxy Primer on non-porous surfaces.

Application

SX301 can be hand mixed in single units at the ratio of 22 kg powder to 4.3 kg of the supplied latex liquid. Do not add extra liquid as long term performance may be impaired.

After applying the material onto the primed floor, simply use a hand trowel to spread. Maximum application thickness is 6 mm on adhesive residues, or 10 mm on sound substrates.

Protection on Completion

Ensure the screed is not subject to draughts during the first 6 hours of curing as this may lead to cracking and crazing. Tape up doorways with polythene to prevent air movement.

Prevent contamination by following trades (e.g. plastering), including water spillage.

Cleaning

Immediately after use all tools and equipment should be cleaned with water. Cured material can be removed mechanically or by acid etching.

Please Note

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

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Contract Application

tremco illbruck Limited has a network of nationwide approved installers and provides full technical assistance on specific site applications.

Technical Service

tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

Guarantee/Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with tremco illbruck written instructions and (b) in any application recommended by tremco illbruck, 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 illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

TECHNICAL DATA

PROPERTY	RESULT
Composition	Cementitious powder and liquid latex dispersion
Pot Life (at 20°C)	20 minutes
Compressive Strength	After 28 days approx. 25 N/mm ²
	Approx. 5 m ² per unit @ 3 mm thickness
	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 m ² per mix
Coverage	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 illbruck Technical Department)
Cure Time (at 20°C)	Foot Traffic: 90 minutes
Storage	Store in dry, shaded conditions between +5°C and +25°C
	6 months when stored as recommended in original unopened packaging
Shelf Life	High temperatures and humidity will lead to a reduced shelf life



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