

# SX250

## MOISTURE TOLERANT SMOOTHING COMPOUND



### KEY BENEFITS SUMMARY

- Suitable for use below a damp proof membrane
- High compressive strength for heavy traffic applications
- Shrinkage compensated
- Can be mixed with clean aggregate
- Protein free

### PRODUCT INFORMATION

#### Description

SX250 is a pre-smoothing and repair compound for clean, sound, porous substrates.

#### Usage/Purpose

SX250 is specifically designed for preparation of interior applications and can be applied by hand or by pump.

#### Colour

Grey powder

#### Packaging

25 kg plastic lined reinforced paper sack

#### Application Thickness

3 - 50mm

#### 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.

#### Accreditations

- Complies with HTM 61 requirements

#### Declaration of Performance

SX250-20140122

#### 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 SX250. For further details or to arrange for a moisture test please contact tremco illbruck Technical Services.

#### 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.).

- Heavy shot blasting; scabbling or floor planing is recommended.
- Any surface hardener or curing compounds should be thoroughly removed prior to the application of SX250. For full details of surface preparation contact tremco illbruck Technical Services.

#### Priming

Use CS175 Epoxy Primer for Porous Substrates as a primer in all cases. See separate data sheet for application. When using SX250, the CS175 should be allowed to dry and overlaid within 24 hours.

#### Mixing

Mix by hand or using an electric drill and paddle. Add 4 litres of water to the mixing vessel and add the 25 kg of SX250 powder while mixing to ensure a smooth flowing consistency ensuring all particles are well mixed. Do not add additional water as this will reduce the performance of the final screed.

#### Application

Material should be trowelled smooth before the application of a TREMCO surface membrane.

#### 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 at ambient temperatures below +5°C or over +30°C.

# SX250

## MOISTURE TOLERANT SMOOTHING COMPOUND

TREMCO

### 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.

### Availability

Direct from tremco illbruck (see back of leaflet for address and telephone details), or via local and national distributors.

### 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	A blend of special cements, graded fillers and modified polymers
Open Time/Workability (at +20°C)	up to 25 minutes
Pot Life (at 20°C)	20 minutes
Compressive Strength	1 day 18.33 N/mm <sup>2</sup>
	7 days 33.70 N/mm <sup>2</sup>
	28 days 42.84 N/mm <sup>2</sup>
Tensile Strength	1 hour 1.67 N/mm <sup>2</sup>
	7 days 2.98 N/mm <sup>2</sup>
	28 days 4.16 N/mm <sup>2</sup>
Coverage	Approximately 5 m <sup>2</sup> per 25 kg sack at 3 mm thickness
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
Storage	Store in dry, shaded conditions between +5°C and +35°C
Shelf Life	6 months when stored as recommended in original unopened packaging
	High temperatures and humidity will lead to a reduced shelf life



tremco illbruck Limited, Coupland Rd,  
Hindley Green, Wigan, WN2 4HT, UK.  
Tel: +44 (0)1942 251400  
Fax: 01942 251410  
Email: uk.info@tremco-illbruck.com  
Website: www.tremco-illbruck.co.uk

tremco  
illbruck

www.tremco-illbruck.com

2015-02 v01