

KEY BENEFITS SUMMARY

- Good resistance to point loading and abrasion
- Self-levelling
- Rapid installation – 2000 m² per day for 7 mm thickness, under suitable conditions
- Fast setting - walk on after 2 - 4 hours under suitable conditions
- Fast drying - install most floorcoverings after 24 hours dependent on thickness, ambient temperatures and humidity
- Single pack
- OPC Free
- 38% recycled content
- Up to 30% reduction in environmental impact and global warming potential compared to traditional cementitious screeds
- Protein free - will not harbour bacteria
- HTM 61 compliant

PRODUCT INFORMATION

Description

Manufactured from a combination of natural and recycled raw materials and is free from Portland cement. A fast drying pump applied underlayment, for levelling of concrete floors before the installation of floor coverings. e.g. vinyl, carpets, ceramic tiles, wood block, linoleum or cork.

Usage / Purpose

Suitable for floors in office buildings, shops, public buildings, schools, hospitals, airports and prisons. Tremco SX200 Self-Levelling Green Smoothing Compound is laid at 3 – 30 mm and provides good resistance to impact, point loading and abrasion.

WARNING

This product must not be mixed with wet or damp ordinary Portland cement based products.

Colour

Grey powder

Packaging

25 kg plastic lined reinforced paper sack

Availability

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

USAGE GUIDELINES

Standards

All aspects of the installation must be in accordance with the requirements of BS8204, BS8203 (Installation of Resilient floorcoverings) or BS5325 (Installation of Textile floorcoverings) and supplementary specifications.

Moisture Testing

- Suitable for application on substrates with <75 % RH.
- It is recommended that a moisture test is conducted prior to the application of Tremco SX200 Self-Levelling Green Smoothing Compound. For further details or to arrange for a moisture test please contact Tremco illbruck Technical Services.

Surface 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 Tremco SX200 Self-Levelling Green Smoothing Compound.

- Mechanical preparation, using an enclosed shot blasting machine may be recommended and should be followed by thorough vacuuming to remove all surface dust.
- Concrete and sand/cement screeds must be fully cured and incorporate an effective damp proof membrane. For full details of surface preparation contact Tremco illbruck Technical Services.

Priming

- All surfaces must be primed with Tremco CS150 Acrylic Primer (porous substrates) or Tremco CS100 Epoxy Primer (non-porous substrates) prior to the application of Tremco SX200 Self-Levelling Green Smoothing Compound.

Mixing

- Mix at slow speed using an electric drill and paddle. Add approximately 4.5 to 4.8 litres of water to the mixing vessel and add the 25 kg of Tremco SX200 Self-Levelling Green Smoothing Compound while mixing to ensure a smooth final mix, free from lumps. Do not add additional water as this will reduce the performance of the final screed.
- A 65 mm by 40 mm flow ring should be filled with pre-mixed Tremco SX200 Self-Levelling Green Smoothing Compound. Using a flow chart, a spread ratio of between 220 mm and 240 mm should be obtained to ensure that a correct mix is passing through the pump.

Method of Application

- Tremco SX200 Self-Levelling Green Smoothing Compound should be applied directly after mixing either by pouring a ribbon of material along the wet edge and then trowelled to form a smooth, even finish or by pumping directly onto the subfloor.
- Whilst still wet a spiked roller should be used to blend the flow lines together.



SX200 Unismooth

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TECHNICAL INFORMATION

	Test Method	Result (Typical Values at 20°C and 50% RH)		
Composition		A combination of natural and recycled raw materials and is free from Portland cement		
Fire Resistance	BS 476-7	Spread of Flame: Class 1		
Impact Resistance	BS 8204-1	Cat: A		
Temperature Resistance		50°C max		
Abrasion Resistance	Taber	1.7g loss/1000 cycles		
H22 Wheel/1 kg				
Ultimate Compressive Strength	BS EN 196	28 Days: 35 N/mm ²		
Flexural Strength	BS EN 196	28 Days: 8 N/mm ²		
Shore D Hardness		88		
Adhesion to C30 Concrete		28 Days: > 1 N/mm ²		
Shrinkage		< 0.06%		
Maximum Particle Size		0.5 mm		
Protein Content		Nil		
Thickness		3 – 30 mm		
Laying Temperature		5 – 30°C		
Flow Ring	65 mm diam. x 40 mm high	220 – 240 mm		
Mix Ratio per 25 kg		4.5 – 4.8 litres water		
Cure Rate	10 mm thickness	Walk on	10°C 4 – 8 h	20°C 2 – 4 h
		Full Traffic	2 days	2 days

- Minimum thickness of Tremco SX200 Self-Levelling Green Smoothing Compound should be 3 mm.
- For application over 8 mm, a 3 mm clean aggregate can be added to the mix at a ratio of 1:1.

Drying Time

Moisture sensitive floor finishes can be installed when the screed is dry to 75% RH as per BS8203, typically after 24 hours, dependent on thickness and ambient conditions (20°C, 50% RH). After 6 hours curing without draughts ensure the area has sufficient ventilation to allow the screed to dry.

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.

Coverage Rate

An average thickness of 3 mm will provide a typical coverage rate of 5 m² per mix. The coverage rate is based on a flat level surface, additional material should be allowed for where the surface is rough, uneven or where a specific SR level is to be achieved.

Health & Safety Precautions

Product Health and Safety Data Sheet must be read and understood before use.

Storage

Store indoors in dry conditions at 25 °C, stacked not more than 2 pallets high.

Shelf Life

6 months when stored as recommended.

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.

