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CAW M10	
Uniclass L6421:P21	
August 2010	

SX250 Unibase

Moisture Tolerant Smoothing Compound

KEY BENEFITS SUMMARY

- Suitable for use below a damp proof membrane
- Suitable for thicknesses of 3 mm - 50 mm
- High compressive strength for heavy traffic applications
- Can be mixed with clean aggregate
- Shrinkage compensated
- Exceptional bond strength
- Bonds to porous substrates without a primer
- Protein free complies with HTM 61 requirements

PRODUCT INFORMATION

Description

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

Usage / Purpose

Tremco SX250 Unibase is specifically designed for preparation of interior applications.

LIMITATIONS

Not suitable for use at ambient temperatures below +5°C or over +30°C.

Colour

Light grey

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.

TECHNICAL INFORMATION

Composition

A blend of special cements, graded fillers and modified polymers.

Performance (Typical Values)

OPEN TIME/WORKABILITY (at +20°C) upto 25 minutes

COMPRESSIVE STRENGTH

1 day	18.33 N/mm ²
7 days	33.70 N/mm ²
28 days	42.84 N/mm ²

TENSILE STRENGTH

1 hour	1.67 N/mm ²
7 days	2.98 N/mm ²
28 days	4.16 N/mm ²

INITIAL SETTING TIME

70 minutes

DRYING TIME (at 20°C)

Approximately 24 hours at 3 - 5 mm

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

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

Priming

- Use Tremco CS175 Epoxy Primer for Porous Substrates as a primer in all cases. See separate data sheet for application. When using Tremco SX250 Unibase, the Tremco 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 Tremco SX250 Unibase 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.

SX250 Unibase

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Method of Application

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

Coverage Rate

Approximatley 5 m² per 25 kg sack at 3 mm thickness.

Cleaning

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

Health & Safety Precautions

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

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.

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.

