

# SX400

## CEMENTITIOUS REPAIR MORTAR



### KEY BENEFITS SUMMARY

- Sets in only 15 minutes for overlaying
- Moisture tolerant for use under surface damp proof membranes
- Rapid strength gain
- Can be mixed with clean aggregate
- Bonds to porous substrates without a primer

### PRODUCT INFORMATION

#### Description

SX400 is a general purpose high strength fast setting mortar.

#### Usage/Purpose

SX400 is designed for patch repairs in concrete and sand/cement subfloors, in small areas prior to the application of TREMCO surface membranes. It has good resistance to forklift traffic and may also be used for patch repairing floors in industrial premises.

#### Colour

Grey powder

#### Packaging

25 kg plastic lined reinforced paper sack

#### Application Thickness

6 - 75 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

SX400-20140702

#### 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 SX400. For full details of surface preparation contact tremco illbruck Technical Services.

#### Mixing

Mix by hand or using an electric drill and paddle. Add up to 3.5 litres of water to the mixing vessel and add the 25 kg of SX400 powder while mixing to ensure a stiff consistency with no slump, ensuring all particles are well mixed. Do not add additional water as this will reduce the performance of the final screed.

#### Application

- SX400 should be applied over a pre-wetted area within 4 minutes of mixing. Firm well into position by using a float. Do not mix more product than can be applied in 4 minutes.
- Can be used for thicknesses of 6 - 75 mm. Greater thicknesses can be achieved, please contact tremco illbruck Technical Services for further information.

#### 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.

#### 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)	5 - 12 minutes
Pot Life (at 20°C)	20 minutes
Compressive Strength	1 hour 12 N/mm <sup>2</sup> 2 hours 21 N/mm <sup>2</sup> 24 hours 28 N/mm <sup>2</sup> 28 days >50 N/mm <sup>2</sup>
Density	2.220 kg/m <sup>3</sup>
Tensile Strength	1 day 1.82 N/mm <sup>2</sup> 7 days 2.46 N/mm <sup>2</sup> 28 days 3.51 N/mm <sup>2</sup>
Cure Time (at 20°C)	Foot Traffic: 90 minutes
Storage	Store in dry, shaded conditions between +5°C and +35°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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