

# CS175

## EPOXY PRIMER FOR POROUS SUBSTRATES

### PRODUCT INFORMATION

#### Description

CS175 is a two part water based epoxy primer.

#### Usage/Purpose

CS175 Epoxy Primer for Porous Substrates provides a breathable sealer for calcium sulfate screeds. Additionally, it is suitable for priming new and existing cementitious screeds, concrete, brick and blockwork. May be used as a low viscosity primer for epoxy paint coatings on prepared power floated concrete.

#### Colour

Clear on curing.

#### Packaging

Two part material provided in 7.5 kg kits.

#### Environmental Considerations

Water based, solvent free.

#### Standards

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

#### Protective Equipment

Use in well ventilated conditions and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

#### Preparation

- Surfaces should be clean, firm and free from dust, dirt or other material liable to impair adhesion.

#### Application Conditions

- New concrete should be a minimum of 28 days old.
- Surface temperatures should be +3°C above the dew point.
- Temperatures should be above +5°C at time of application and for 24 hours thereafter.
- Do not apply over wet substrates or externally if rain is expected prior to curing.

- Where used internally, especially in high humidity conditions, forced ventilation will be required to assist curing.
- At lower temperatures and in internal situations, allow a minimum of 24 hours, before overcoating.
- If contaminated before installing floor finishes, it will be necessary to sand the surface of the primer and reapply one or two coats as required.

#### Mixing

- Add contents of Part A (small bottle) to Part B (large container) and mix thoroughly for a minimum of 2 minutes.

#### Application

##### Concrete and Sand Cement Screeds

- Apply an even continuous coat, which is free of pinholes to the substrate using a fluff free roller. Take care to prevent the formation of puddles. On smooth impervious substrates, application by squeegee is the most effective way to quickly obtain a uniform film.
- Leave the coating to dry to a translucent film (usually 3 to 6 hours depending on substrate, temperature and ventilation). If in doubt, leave overnight.
- Once dried, the primed surface is ready for overlaying and must be kept free of contaminants.
- If more than 24 hours have elapsed since the application, then a repeat application of the primer may be required.

##### Calcium Sulfate Screeds

- Prepare all surfaces by mechanical techniques as recommended by the screed manufacturer to provide a clean, sound, smooth contaminant free surface with a fine texture.
- Remove all traces of dust and debris.
- Apply 1 or 2 coats of mixed CS175 Epoxy Primer for Porous Substrates (as required) and allow each coat to dry (usually 3 to 6 hours depending on substrate, temperature and ventilation).
- Once the calcium sulfate screed is dry (Refer to specific manufacturer's instructions) Secure the floor covering with the approved TREMCO adhesive.



### KEY BENEFITS SUMMARY

- Excellent coverage
- Low viscosity
- Consolidates weak surfaces

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**TREMCO**

### Cleaning

All equipment should be cleaned with water immediately after use.

### Health & Safety Precautions

Safety data sheet must be read and understood before use.

### 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 two part water based epoxy primer
Pot Life	Approximately 45 minutes
Curing Time (in good drying conditions at +15°C or above)	Overnight
Coverage	10 m <sup>2</sup> per kg depending on the substrate and method of application
Storage	Store in shaded dry conditions between +10°C and +35°C
Shelf Life	12 months when stored as recommended in original unopened containers



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