

CS350

SELF SMOOTHING EPOXY SCREED



KEY BENEFITS SUMMARY

- For hygienic, dust free floors
- Excellent mechanical and chemical resistance

PRODUCT INFORMATION

Description

CS350 is a high performance self-smoothing epoxy resin flooring system. It provides a hygienic, dust free floor with excellent mechanical and chemical resistance.

Usage / Purpose

Industrial and commercial floors in laboratories, schools, plant rooms, factories, engineering workshops, hospital clean rooms and many more applications.

Colour

Light Grey

Packaging

20.5 kg (3 component kit)

Availability

Direct from tremco illbruck (see back of leaflet for address and telephone details).

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.

Preparation

- Subfloor preparation is highly important with products of this nature.
- The surface should be free of oil and grease. Weak material or laitence should be removed prior to application of the product. Highly polished surfaces (eg. powerfloated concrete, marble and terrazzo tiles) should be mechanically textured.
- The floor should then be either vacuumed or swept clean. Sound, stable floor construction is essential.

Priming

- All dry subfloors must be primed/ sealed with ES300 Surface Damp Proof Membrane prior to the application of CS350.
- For subfloors where there is no integral DPM two coats of ES300 must be used.

- For new build projects where there is suspected to be construction moisture in the subfloor, please contact Customer Services to discuss the wide range of TREMCO damp proof membrane systems available.

Mixing

- CS350 is supplied as a three component system comprising resin, curing agent, and aggregate, a total of 20.5 kg.
- Best results will be obtained by using a mechanical mixer, either a paddle fixed to an electric drill, or a forced action mixer.
- Add the curing agent B to the pigmented epoxy resin A and mix thoroughly until a smooth uniform colour is obtained.
- Using a suitably sized container, pour in the mixed A and B components and slowly add the fine aggregate component and mix for five minutes.
- Ensure all of the A and B residues are scraped from the tins.

Application

- Pour the mixed product onto the subfloor and spread to the required thickness using a notched trowel to cover the area uniformly.
- Within a few minutes of trowelling, a spiked roller should be run across the laid CS350 to remove any trapped air. It may be necessary to repeat this after 10 minutes to remove any new bubbles.
- Avoid rolling areas of the floor which have already started to cure, as the screed may retain the imprint of the spikes.
- The minimum application temperature is 5°C although please note that curing times will be significantly extended. Under certain drying conditions below 10°C there is a risk of blooming.

Joints

- All existing joints in the substrate should be followed through into CS350 and filled using an approved joint sealant. Contact Customer Services for details.

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Health & Safety Precautions

Safety data sheets must be read and understood before use.

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 (Typical Values)
Cure Time	Working time: 40 - 50 minutes Foot traffic: After overnight cure Full traffic: After 2 - 3 days
Coverage	5.5 m ² - 6 m ² per 20.5 kg unit at 2 mm
Storage	Store in dry shaded conditions between 5°C and +25°C Do not allow to freeze
Shelf Life	12 months when stored as recommended in original unopened containers



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