

CS900

HIGH BUILD EPOXY COATING



KEY BENEFITS SUMMARY

- Suitable for full forklift traffic
- Chemical resistant
- Range of colours available

PRODUCT INFORMATION

Description

CS900 is a high build coating, possessing excellent wear and acid resistance. The finished product is attractive and tough enough to withstand industrial usage. Once cured, CS900 offers excellent chemical and abrasion resistance.

Usage / Purpose

Factories, warehouses, chemical plants, effluent plants, electronic, pharmaceutical, engineering and food production premises.

Colour

Light Grey and Mid Grey are the standard colours. Other colours and special colours may be available - please contact Customer Services for details on lead time and availability. Wherever possible, ensure that a single batch number is used for the topcoat to avoid colour variation

Packaging

14 kg (2 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.

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

- Subfloor preparation is highly important with products of this nature.
- The surface should be free of oil and grease. Weak material or laitance should be removed prior to application of the product. Highly polished surfaces e.g. 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

- Priming is not usually necessary on the majority of substrates.
- Particularly porous substrates should be primed with CS930 Epoxy Dustproofers.
- Concrete must have a moisture content of less than 4% water or a residual relative humidity of less than 75 %.
- If in doubt contact Customer Services for details on the full range of TREMCO damp proof membrane systems available.

Mixing

- Mix the two liquid components of the CS900 using a slow speed drill and stirrer attachment, spatula or other square edged implement. Mix full kits only - do not attempt to split packs.

IMPORTANT: Mixed sealer should not be left in the tin as exothermic action will produce flash set in 10 to 15 minutes.

Application

- Apply by brush or medium pile fluff-free roller, paying particular attention to edge and joint details.
- One to two coats are typical, depending on the requirements of the application. If in doubt, always specify two coats.
- Allow CS900 to cure for at least 24 hours before allowing full traffic. The floor should be left for 3-5 days in order to achieve full chemical and traffic resistance.
- 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.

Cleaning

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

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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	Foot Traffic: After overnight cure at 15°C or above Full Traffic: 24 - 48 hours depending on temperature. Full Cure: Full cure & water resistance over 7 days at minimum & constant 15°C. Water not to lie on the surface for at least 7 days. Avoid washing for 7 days.
Coverage	25 m ² per 6 kg unit 60 m ² per 14 kg unit
Bond Strength (to EN4264)	B3,5
VOC Content (Mixed Product)	185 g/l According to the EU-Directive 2004/42, the maximum allowed content of VOC (Product category II / j type SB) is 500 g/l (Limits 2010) for the ready to use product.
Storage	Store in dry shaded conditions between 5°C and +25°C
Shelf Life	12 months when stored as recommended in original unopened containers



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