

COSTAFLO 700

Two Component Solvent Free Epoxy Top Coat



PRODUCT DESCRIPTION

COSTAFLO 700 is two components, solvent free epoxy top coat. It has a great appearance, dust, corrosion resistance and easy to clean. It has good anti-static properties, wear and tear resistance and Suitable for heavy duty industrial and decorative flooring. It has great resistance to chemicals, acids and solvents.

ADVANTAGES

- Durability and easy placement.
- High strength.
- Can be mixed at a wide range of consistencies.
- Dynamic load stability.
- Easily applied
- Can seal minor porous substrates
- Easy to clean once fully cured
- Good general chemical resistance to acids and solvents

AREA OF USES

COSTAFLO 700 is used for;

- Floors in mechanical and chemical industries (pharmaceutical, automotive workshops, warehouse etc.) and where dust free atmosphere is required.
- Floors where heavy forklift traffic is encountered.
- Not suitable for areas where ground water is likely to rise through the substrate.
- All food & beverage industries
- Meat/poultry & dairy processing
- Lounges, Lobbies, Nightclubs & Foyers

APPLICATION INSTRUCTION

Surface Preparation

Clean surface of oil, grease, dirt, laitance and loose material, down to sound concrete. New concrete surfaces should be allowed to cure 4 – 6 weeks.

All cracks and damaged areas should be repaired. Smooth troweled concrete must be acid etched to ensure proper adhesion.

After preparation, touch up bare areas with Costaflo 700. When applying over an unknown coating, please test the adhesion & compatibility of this product over a small test area.

Mixing

The contents of the base should be stirred well before mixing with the hardener. Mix the two components with mechanical stirrer for about 3-5 minutes to ensure homogenous mixing.

NOTE THAT: Although the coating dries quickly, and can be walked on in a few hours, the coating needs to cure before allowing traffic onto the surface. Depending on the weather conditions, allow the coat to cure for at least 1 week before parking on the surface. Vehicles with hot tyres should be parked on the roadway and the tyres should be cool for about 30-40 minutes before parking on the surface.

Application

The material should be poured onto the prepared and primed substrate as soon as mixing is complete. It should be spread to the required thickness preferably using a brush for hard to reach areas, a roller or a serrated trowel; with care taken not to overwork the resin, spreading evenly and slowly.

Cleaning

Remove uncured Costarflo 700 from tools and equipment immediately after application using a suitable thinner (Xylene / Acetone). Stiffened or cured Costarflo 700 can be removed by suitable mechanical means

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TECHNICAL PROPERTIES

Packaging	Component A	Component B	Total set
	Resin	Hardener	Flow-able
	3.75kg	1.25kg	5kg
Density (ISO 1675)	1,40 g/cm ³		
Viscosity (ISO 2555)	3000- 3200cps		
Solid content (ISO 1768)	100%		
VOC (volatile organic comp)	10g/l comp A + 0g/l comp B		
Compressive strength	> 60 N/m m ²		
Flexural strength	> 35 N/m m ²		
Concrete adherence	> 2M Pa		
Dry time	4 - 6 hours		
Walk-able time	after 24 hour		
Fire class	BFL S1 EN 13501 Euronorm		
Full mechanical load	5days		
Heat resistance	60 °C		
Curing	Shrinkfree		
Pot life	45minute - 1hour		
Ambient service temperature	20°C - 70°C		
Recoat time	4 -6 hours		
Application method	By roller, brush (for hard to reach areas), trowel.		

COVERAGE: 2-3m²/L

Note: The coverage figures given above is theoretical and may be affected by material wastage during mixing and the variety/nature of possible substrates. Standard practice warrant an additional 10% should be allowed for surface irregularities and wastage.



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SHELF LIFE

Shelf life is 12 months provided the temperature is kept within the range of 5°C to 50°C.

STANDARD COMPLIANCE

Conforms to the requirement of EN 13813, ISO 2555, ISO 1768

HEALTH & SAFETY

Costarflo 700 should not come in contact with skin or eyes, or be swallowed. Ensure adequate ventilation and avoid inhalation of vapors.

Some people are sensitive to resins, hardeners and solvents. Wear suitable protective clothing, gloves and eye protection. Please refer SDS

ADDITIONAL INFORMATION

Costarchem manufactures a complete range of construction chemical products which include:

- Concrete admixtures
- Waterproofing system
- Flooring system
- Cementitious and epoxy precision grouts
- Damp-proofing products
- Sealants and adhesives
- Repair and refurbishment systems

For more information on any of our products, please contact Costarchem global or regional office.

LEGAL NOTE

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