

# 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

# COSTAFLO 700

## Two Component Solvent Free Epoxy Top Coat



### TECHNICAL PROPERTIES

Packaging	Component A	Component B	Total set
	Resin	Hardener	Flow-able
	3.75kg	1.25kg	<b>5kg</b>
Density (ISO 1675)	1,40 kg/dm <sup>3</sup>		
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 <sup>2</sup>		
Flexural strength	> 35 N/m m <sup>2</sup>		
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	7 - 8 hours		
Application method	By roller, brush (for hard to reach areas), notched trowel.		

**COVERAGE:** 0.2 – 0.5kg/m<sup>2</sup>

**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.



# COSTAFLO 700

## Two Component Solvent Free Epoxy Top Coat



### 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

The information and recommendations relating to the application of Costarchem products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the stated recommendations in the product datasheets. Whilst Costarchem endeavors to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it. The user of the product must test the product's suitability for the intended application and purpose. Costarchem reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.