



# COSTAR DUSTPROOFER

Low Viscosity, Ready to use Dustproofing Liquid

## PRODUCT DESCRIPTION

Costar Dust-proofer is a ready to use low viscosity dustproofing liquid for concrete floors, paths and driveways. It is suitable for use both internally and externally. It penetrates concrete surface and chemically reacts within the concrete surface, producing extremely hard and dense calcium silicate hydrate (CSH) in the concrete pores thus creating a concrete that is more durable, easier to clean, and more resistant to damage from water.

## FEATURES

- Simple application process
- Results in a durable and dustproofed concrete surface that lasts indefinitely
- Enhances resistance to wear and tear
- Decreases permeability, thereby enhancing durability and longevity

## APPLICATION AREAS

- Dustproofing Commercial and retail concrete floors in factories, garages, industrial units where dusting could be a problem
- It can also be used as hardener for concrete drives, paths and floors
- It is suitable for use on new or old floors with no surface coatings

Other application areas include:

- Interior concrete floors
- Warehouse floors
- Manufacturing plants
- Distribution centers
- Transportation terminals
- Health care facilities
- Mechanical rooms

## APPLICATIONS INSTRUCTION

- Surfaces must be sound and clean.

- All residue, oil, sealers, waxes, contaminants and laitance must be removed from surfaces for maximum penetration.
- Remove unsound concrete and repair holes, cracks and deteriorated areas.
- New concrete should be a minimum of 21 days old.
- If wetting of the floor has taken place during preparation it must be allowed to dry out before commencement of Costar Dust proofer application.

**Mixing:** Stir well before use.

## Application

- Pour Costar Dustproofer over the proposed application area evenly.
- Brush the liquid over and across the surface to ensure even penetration.
- If the dustproofer is not totally absorbed into the surface, it should be removed by mopping before drying.
- Second coat is to be applied in the same manner not before 24 hours after initial treatment.
- Three coats might be required depending on the concrete surface.
- 24 hours after the final coat, washdown the floor using clean water.

## STORAGE AND SELF LIFE

Protect from freezing, if frozen or crystallized, thaw gradually and stir to homogenous mixture. Shelf life in unopened original containers is 12 months when stored at 70°F (21°C).

## THEORETICAL COVERAGE:

3-6m<sup>2</sup> per liter depending on substrate conditions porosity and adsorption rate.





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## TECHNICAL PROPERTIES

Packaging	5ltrs, 20ltrs
Appearance	Light brown Liquid
Shelf life	12 months from date of production
Storage condition	Product must be stored in original, unopened, and undamaged sealed packaging in dry condition and temperature between +5°C and +35 °C.
Spg	1.16
Solid content	45 - 50%
Drying time	~3hrs : 30minute
Tensile strength	> 0.8 N/mm2 (ASTM D-412)
Ultimate Elongation	~400% (ASTM D-412)
Substrate temp	+5 °C min. / +35 °C max
Fire Resistance	Wet: non inflammable Dry: flame will not spread

### LIMITATIONS

- Apply when concrete surface temperatures are 40°F(4°C) and rising.
- Provide adequate ventilation in enclosed areas to facilitate proper drying
- Do not puddle

### HEALTH & SAFETY

- Please ensure that hand gloves and goggles are worn during installation
- Apply in ventilated areas, away from flames
- It is only important that during application and after application, standard safety procedures are done.
- Please consult current MSDS for product.

- For Professional Use only.

### 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.

