

# TOPHARD W10

## Concrete Hardener and Dust Proofing Coating

### Description

**TOPHARD W10** is a water-based silicate solution concrete sealer and hardener which penetrates the pores of concrete surfaces where it can chemically react with the available lime to densify and harden the surface from within. It improves the abrasion resistance and protects against wears.

### Features & Benefits

- Easy to apply single component.
- High surface penetration.
- Improves abrasion resistance
- Durable
- Cost Effective.
- Dust free finish, anti-efflorescence.

### Uses

**TOPHARD W10** can be used as hardener, dust proofing, and sealer for concrete surfaces for floors, light industry, car parks, warehouses, dams, reservoirs, tanks, and for pre-cast elements

### Technical Properties

Appearance	Colorless Liquid
Density	1,000-1,050 Kg/m <sup>3</sup>
Volume Solid	30%
pH	7-8
Resistance to water penetration	Excellent
Touch dry	2-3 hours
Recoat time	24 hours
Fil thickness	50 microns

All values are subject to 5-10% tolerance

### Standards Compliance

- ASTM D 4060

### Application Procedures

#### Surface preparation:

All substrates must be sound, dry and free from any oil grease, dust and loose materials.

Cracks in concrete should be repaired using one of the recommended SBI Products.

Concrete should be at least 21 days old before applying TOPHARD W10.

**TOPHARD W10** should be applied only on dry surfaces in order to achieve a perfect penetration of the product. Colored cement flooring should be tested at small area to ensure that the product will not change the flooring color.

#### Application Instructions:

**TOPHARD W10** is supplied in ready-to-use drums. Saturate the surface completely by applying the product using a soft broom, brush or spraying tools. Spread the solution by moving the broom or brush back and forth over the surface to guarantee a good penetration.

Normally two coats are enough for typical surfaces. In case of power floated surfaces one coat of TOPHARD W10 would be enough.

Allow a period of minimum 24 hours between coats to assure that the first coat had dried completely.

The floors should be washed with clean water after 24 hours from applying the last coat.

**TOPHARD W10** is not recommended for highly porous surfaces. In such cases TOPSEAL S10 should be use.

### Equipment Care

All equipment should be washed with clean water immediately after use.

### Coverage

**TOPHARD W10** shall be applied at a rate from 5-10 m<sup>2</sup> per liter per coat depends on surface porosity and roughness.

Normally two coats are recommended.

## Packaging

TOPHARD W10 is available in 210 Liter drums.

## Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

## Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

## Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.

REV 00-2020

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