

MADE IN INDIA

Technical Data Sheet

DENSI-HARD[®] **SODIUM SILICATE** **Liquid Concrete Densifier**



Description:

Densi-Hard[®] Sodium Silicate is a specially formulated product for concrete and terrazzo floors. It helps achieve a hard surface that is easy to grind and polish. Sodium silicates, with their larger molecule size, fill pores more easily, using less product and keeping costs low. This environmentally friendly treatment reduces efflorescence, improves overall abrasion resistance and reduces dusting. It also helps reduce costly wear and damage to diamond abrasives.



Application surfaces

- Concrete floors interior and exterior
- Polished concrete floors
- Warehouses
- Industries
- Food storage areas
- Commercial and residential areas



Features

- Densifies, dustproofs and seals
- Water based, odourless
- Low VOC
- Increases abrasion resistance
- Reduces water penetration
- Eligible for LEED points



Instruction for Use

1. Clean the surface properly to check the condition of the floor.
2. Start grinding the concrete with 36 or 60 grit depending upon your floor and grind up to 200 grit resin bond. Grinding flattens the surface and opens up the surface ensuring better penetration.
3. Shake the product well before using. The product is ready to use. Do not dilute with water. Apply the product evenly at the rate of approximately 20-60 sqft per litre. Lightly broom out any puddles immediately after the material has been applied. Allow material to remain on the surface for 20-30 minutes. Let the material cure for 24 hours for best results.
4. Then proceed with 400 grit, 800 grit and go up to 1500 grit as required.
5. Remove all polishing dust and debris using a scrubbing machine. Burnish with a 3000 grit Diamond Dot Pad for high gloss as required.

**Technical Data**

Coverage: The coverage is determined by the porosity of the floor. It may be anywhere between 20-60 sqft per litre. A floor that has been previously hardened will require less material than a fresh floor.

Shelf Life: 1 year

**Color**

Translucent

**Packaging**

5 L Jerry can
10 L Jerry can
20 L Jerry can
209 L Barrel

**Precautions:**

Protect from freezing. Store in a cool and dry place. Cover adjoining metal, brick, wood, glass and painted surfaces before spraying.

**Warranty**

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