



**Siddhi Vinayak
Construction
Chemical
Pvt Ltd**



Hardening Agent

Description

Super Seal is a single component, cold applied, elastomeric waterproofing coating for concrete. It is highly elastic, UV resistant and eco-friendly.

Advantages

- Single component - ready to use
- UV resistant and resistant to yellowing and weathering
- Highly elastic and crack-bridging
- Easily recoated when needed
- Non-toxic water-based coating
- Excellent adhesion
- Seamless waterproofing membrane
- Eco-friendly

Dosage and Usage

Priming: Primer is required only for high absorbent surface such as light weight concrete.

Application: Sprinkle some water over the surface just before application of Super Seal. Apply 2 coats Super Seal at 0.75 ltrs /m²/coat with an interval of 12 hrs between the coats and allow to dry completely. 2nd coat to be applied in a direction perpendicular to the 1st coat.

Dosage and Usage

Surface Preparation: Clean the entire surface with pressure water jet to remove the unwanted dust, loose material, oil or any other material which may impair adhesion of the material. Surface must be cleaned and dried properly so that any cracks on the substrate can be visible. Mark the area having cracks. All surface cracks up to 1-2 mm wide should be filled with Super Seal using a brush. Add a coat on the crack up to 10 mm around it. Cracks more than 1-2 mm should be widened by making V-groove and repaired with PMM (Polymer Modified Mortar) using Super Seal URP (10% by weight of cement). All joints of vertical up stand should have 50x50 mm angle fillets prepared with sand-cement mortar; mixed with Super Seal. Curing to be provided to the angle fillets and repair surface as per standard methodology before application of coating. Apply one coat of Super Seal on the angle fillet area and put 45 gsm Glass fiber mesh 200 mm on both the sides of the fillet to make the junction and corner's receptacle to movements.



Packaging

4/ 10 / 20 ltr Bucket

Shelf Life

24 months from date of production if stored properly in undamaged unopened and original sealed packaging.

Standards

ASTM E 1980

Storage & Handling

Store in a moist free, cool and dry conditions. Protect from direct sunlight and frost. Handle the product(s) very carefully during transportation.

Limitations

Do not apply Super Seal on substrates with rising moisture. Super Seal is not suitable for permanent water immersion.

Safety Precautions

Super Seal is non-toxic and non-flammable. Splashes on eyes has to be immediately washed with plenty of water and seek medical advice.

Wear all PPE's at the time of the application like safety boots, goggles, hand gloves and masks. Avoid contact with skin and eyes. Any direct skin contact with the products should be washed off thoroughly with soap and water.

Properties

Appearance: Milky white coloured liquid

Specific Gravity: 1.11 ± 0.02 @ 27°C

pH: > 6

Density: ~ 1.13 kg/l at 25°C

Coverage: 0.75 ltrs/ m² / coat

*Coverage may vary depending upon the texture and porosity of the surface