

SUNKOLL FLOOR HARDENER

Technical Data Sheet



नए भारत की नई ताकत

Powder Sprinkle On, Ready To Use Floor Hardener

SUNKOLL CONCRETE MIXTURE gives heavy duty tough abrasion resistant concrete surface. Also provides strong monolithic bonding with concrete at green stage

How To Use



Benefits

- Smooth, Durable, Abrasion & Wear Resistant Concrete Floor
- Good Monolithic Bond with Surface
- Non-Metallic, therefore Rust Proof Surface
- Very Easy & Handy on Application at Green Stage of Concreting
- Prevents Damage of Floor Joints Due to Heavy Trafficking
- Very Economical. Does not Shrink or Crack
- Available in Range of Industrial Shades.

Properties

- Abrasion Resistance (IS 1237-1980)
- It Improves the abrasion resistance of Concrete by 160% when tested as per guidelines of IS: 1237-1980

Application Areas

- Floor Subjected to heavy wear and tear, heaviest traffics like Work Shops, Industrial floor, Ramps, Spill Ways and loading bays etc.

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Water Proofing Chemicals | Adhesives | Grouts/Epoxy Grouts | Wall Putty

Application Areas

Features of Base Concrete :

- Minimum Cement content of 300kg/m³ for base concrete
- Concrete Design-Mix should be free from segregation and bleeding
- Water –Cement Ratio should be in controlled with 0.53
- Initial Slump retention should be in between 50mm to 75mm
- It is Recommended to use **SUNKOLL CONCRETE MIXTURE** at the time of Concreting
- The base concrete should be laid and compacted.

Dosage :

- Recommended rate of application for low traffic is 3.5 Kg/m², Medium traffic 5Kg/m² and 7Kg /m² for High and heavy load bearing areas.

Spreading :

- **SUNKOLL FLOOR HARDENER** should spread or sprinkle as per the requirement at the point when base concrete get stiffened and light foot traffic leaves an imprint of about 3mm. The bleed water should now have been evaporated.

Finishing :

- Finishing should be done with power trowel when the floor gets stiffened sufficiently, so that damage or surface cracks should not be formed.

Curing :

- Curing plays an important role for better and long lasting concrete. The most efficient way to get Concrete Cured is using curing compound or else go for polythene sheeting or water ponding or wet burlaps.

Limitations :

- For Concrete with Optimized Water Cement Ratios, **SUNKOLL FLOOR HARDENER** shall not be sprinkle Over 3-7 Kg/m².

APPLICATION RATE KG/M2	INTENDED TRAFFIC USE
7.0	Heavy
5.0	Medium
3.0	Light

Packaging :

- **SUNKOLL FLOOR HARDENER** is supplied in 25 Kg and 40 Kg Polythene Sacks.

Storage :

- If Kept in Original unused Packing, the Shelf Life of **SUNKOLL FLOOR HARDENER** is 12 Months from The Date of Manufacturing.

Health & Safety :

- **SUNKOLL FLOOR HARDNER** is not hazardous. It should not be swallowed or allowed to come into contact with the skin and eyes. Protective gloves, Nose mask and goggles should be worn. Contact with skin for long tenure should be avoided. In case of contact with the eyes, it should be rinsed immediately with plenty of water and medical advice sought immediately.

Fire :

- **SUNKOLL FLOOR HARDENER** is Non-Flammable.

Technical Support

- The Company Provides a Technical Services Supported by the team of Specialist Applicators in the Industry.

IMPORTANT NOTE :

Sunkoll Industries Ltd Products are Guaranteed against Defective Materials & Manufacture are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Jay Chemical Industries ltd endeavors to ensure that any advice, recommendation specification or 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 or Information given by it or its Applicator.

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SUNKOLL Green Building Index :

SUNKOLL Range of Products are most eco-friendly and suitable to use in all kind of buildings including certified green. Apart from using best of international raw material for best performance, SUNKOLL procure the major raw material locally to safeguard environment.

SUNKOLL Quality & Safety Assurance

Products supplied are safe to use by any worker at site. However proper tools and safety measures must be in place for prolong working. The gloves, safety glasses and other protection measure must be followed as per local regulation.

Declaration :

All the above information and results are provided based on **SUNKOLL** internal quality test. Customer must check before using the product about performance and final expected results. **SUNKOLL** cannot be held responsible for any damage of whatsoever nature at site.

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