

SUNKOLL WALLSIL Technical Data Sheet

SUNKOLL[®]
ABILITY ♦ STABILITY ♦ DURABILITY

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Main application

SUNKOLL WALLSIL is primarily used as a waterproofing and protective coating for various surfaces.

SUNKOLL WALLSIL is composed of Siloxane & Silane polymers dispersed in water. It is used for waterproofing of concrete & cementitious vertical walls of building because it penetrates deeply into the substrate & provides an effective water repellent protective coating. It does not change the appearance of the substrate & the water repellent coating is UV resistant and durable.

How To Use



Technical advantage of SUNKOLL WALL SIL

- Ease of application.
- Ready to use, simply brush able or spray applied.
- Staining Clear coating does not stain the treated surface Does not change the appearance of exterior decorative coating.
- Prevents entry of moisture into the wall, but allows moisture to evaporate out Prevent efflorescence Cost effective Due to low viscosity penetration is high, which provides the hydrophobic zone.

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

Method of application

- Surface should be dry and free from all debris, dirt, oil, grease, wax and all other contamination, which could prevent penetration.
- Clean the saturated dirt of surface by thorough wire brushing, cleaning with compressed air followed by water washing. Apply one liberal coat of SUNKOLL WALLSIL, simply by brushing evenly on the prepared surface. Allow the surface to dry for a minimum of 24 hrs. for best results.
- SUNKOLL WALLSIL can also be applied with an airless spray (0.07 - 0.1 N/mm² pressure).
- Apply second coat wet on wet, to improve the penetration rate & performance.
- Allow it to dry for 24 hrs Do not dilute with water or by any other means.
- Close the container lid properly after use.
- Before applying over the natural stones like sand stone, slate or Dhollpur sampling should be done on a small area to check its suitability.
- Before taking up application on a large area, it is advisable to check the performance of the product on a relatively small area.

Technical information

Properties	Results
Color	Clean free flowing pale yellow liquid
Specific weight	1gm/ml @ 300C
Dry time	20 to 30 minutes
pH	7 to 8

Product & Working Data

Shore A Hardness	12	(7 days at 77 °F (25 °C), 50 % R.H.) (ASTM C-661)
Tensile Strength	165 psi (1.14 MPa)	(7 days at 77 °F (25 °C), 50 % R.H.) (ASTM D-412)
Tensile stress at specified elongation	42 psi (0.29 MPa) at 100 %	(7 days at 77 °F (25 °C), 50 % R.H.) (ASTM D-412)
Elongation at Break	1000%	(7 days at 77 °F (25 °C), 50 % R.H.) (ASTM D-412)
Movement Capability	+100 % / -50 %	(7 days at 77 °F (25 °C), 50 % R.H.) (ASTM C-719)
Adhesion in peel	20-40 pli	(7 days at 77 °F (25 °C), 50 % R.H.) (ASTM C-794)
Service Temperature	-80 °F to +350 °F (-62 °C to +177 °C)	
UV Exposure	Excellent	(7 days at 77 °F (25 °C), 50 % R.H.) (weatherometer)



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 :

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

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