

SUNKOLL TERRACE GUARD

Technical Data Sheet

SUNKOLL[®]
ABILITY ♦ STABILITY ♦ DURABILITY

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Main application

Provides a waterproof barrier, preventing water ingress and damage to underlying structures. Ideal for flat or low-slope roofs, offering protection against leaks and moisture buildup.

SUNKOLL TERRACE GUARD is composed of high quality acrylic emulsion polymer, light fast & weather durable pigments, properly selected & graded fine fillers, many additives & water as a medium. It is used as a waterproofing & protective coating for exterior walls of the buildings because it forms higher film thickness, has excellent flexibility, breathing properties, water resistance, crack-bridging ability, weathering durability and an excellent resistance to the growth of microorganisms.

How To Use



Technical advantage of SUNKOLL TERRACE GUARD

- Film thickness - Higher film thickness provides resistance to the movements of structures, gives crack bridging ability & waterproofing properties.
- Flexibility - Flexible and covers hairline cracks (upto 0.5 mm) effectively so that no ingress of water.
- Toughness - Tough films withstands wind driven rain.
- Elasticity - High elasticity easily withstands stress caused by thermal expansion & contraction (>100% elongation at 110-120 micron DFT).
- Ready to use - No dilution is required hence ensures desired film thickness built-up without affecting the performance.
- Microbial resistance - Resistance to fungus and algae hence maintains the aesthetic value.
- UV resistant - Resistance to UV (Sun light) hence coating has longer life.
- Dirt pick up - Very low dirt pick up & can be cleaned easily hence maintains the aesthetics.
- Breathability - Permeable to water vapour.
- Ease of application - User friendly, easily applicable by brush, roller or spray.
- Toxicity - It is Non-toxic.

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

Areas of Application

- All types of exterior masonry surfaces, concrete, cement sand renderings, etc.
- Applicable on asbestos sheets.

Health & Safety Precautions

- **Skin contact:** Wash skin with soap & water. Remove contaminated clothes.
- **On eye contact:** immediately splash eyes with plenty of water. consult physician if irritation persists.
- **Ingestion:** Do not induce vomiting. never give anything by mouth to an unconscious person. call a physician.

Shelf life & Storage

- shelf life is 18 months from the date of manufacturing in unopened conditions.
- store in a cool and dry place.
- Keep away from direct sunlight and heat.

Method of Application

SURFACE PREPARATION

- All new cement-sand renderings /concrete surfaces should be allowed to age 6 to 8 weeks before surface coating.
- Surface for treatment must be thoroughly cleaned of all laitance, loose material, oil, grease, etc. by mechanical means such as wire brushing & shot blasting .
- Finally vacuum cleaning of all loose solids and liquids can be done, if required.

Application

- Use SUNKOLL TERRACE GUARD directly from the container. stir contents well before use.
- Apply two neat coats of SUNKOLL TERRACE GUARD without dilution by brush or roller at a time interval of 5-6 hours.
- for enhanced protection, apply additional coat of SUNKOLL TERRACE GUARD on rain lashing walls, chajjas and parapet walls.
- Allow the coated surface to air cure fully for 7 days.

Precautions & Limitations

- Do not dilute SUNKOLL TERRACE GUARD
- Recommended to be primed with SUNKOLL TERRACE GUARD only.
- Do not apply when ambient temperature is below 10°C or above 45°C.
- Do not apply in direct sunlight or during rains.
- Adhesion property may get affected over poor quality putty and very smooth surfaces.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
nature Appearance		Single component
Appearance		Emulsion paint (available in white & dark bases)
specific gravity		
Elongation (250 micron Dft), %	Astm D 412-02	1.29
Water permeability - Reduction in water penetration@ 5 bar pressure (%)	Bs En 12390	> 190 68
Rapid chloride penetration test – penetration of chloride ion	Astm c 1202 – 97	Very low
Algae & fungal resistance	ss 345 : 1998	no growth
Accelerated weathering (1000 hrs UV exposure)	Astm D 4587	no defects
tensile strength, n/mm ²	Astm D 412-02	> 2.6 passes more than 2 mm
crack bridging ability	Astm c 836	width 1.5 110
Adhesion strength, n/mm ²		1.5
coating thickness (2 coats Dft), microns		110



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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