

# SMARZKOT Waterguard

UNIQUE SPRAY  
APPLIED SINGLE  
COMPONENT WHITE  
COLOR ELASTOMERIC  
WATERPROOFING  
MEMBRANE



## Description:

SMARZKOT waterguard is a revolutionary waterproofing system that offers superior protection against water damage. It is a single-component, white colored membrane that is highly elastic and tough, based on special co-polymers and fillers. This unique spray applied waterproofing membrane is highly resistant to aggressive soils and soluble salts, providing an effective continuous barrier and protection against water borne damage. Its spray application makes it easy to use, and it is ideally suited as a vapor/salt barrier to building facades behind granite, marble, stone cladding, and curtain wall elements. With its exceptional performance, SMARZKOT waterguard offers a reliable solution for protecting buildings from water damage. It is the perfect choice for those looking for an effective, easy to use, and long-lasting waterproofing system.

## Uses:

- Reservoir
- Canals
- Water tanks
- Terrace
- Podium and many more where waterproofing is prerequisite

## Advantages:

- Spray Application, easy to apply White Color Membrane
- High build properties ensures rapid application
- High elasticity, ensuring a permanently flexible barrier over a wide range of temperatures
- Thermal Stability

- Screeding can be done easily over applied membrane after complete curing
- Suitable for Exterior application e.g. Terrace
- For Extended Life Waterproofing, application with GRS (Glass Reinforcement Sheet) is recommended
- Excellent adhesion
- Good Crack bridging property
- Can be applied to range of substrates
- Outstanding resistance to brittleness and oxidation
- Economical & High UV resistance
- Excellent heat reflection
- Provides excellent water tight structure

## Product Standard Compliance:

- ASTM D412
- ASTM G 154
- ASTM 1653:03
- IS 2645

## Company Standard Compliance:



## Technical Information:

Properties	Specification
Color	White
Tensile strength (N/mm <sup>2</sup> ) (ASTM D412)	>1.5 @ 24 hours >2.5 @ 7 days

Elongation at break (%) (ASTM D412)	900 to 1350
Cure time (ASTM C-836)	24 hour approx
Crack bridging	Up to 2 mm

### Application Procedure:

#### Surface Preparation :

- All substrates must be sound, clean, dry, smooth and free from protrusions, voids, honey-comb, sand high spots. Presence of curing agents, paint and oil will impair adhesion.
- Moss and lichen must be removed and area treated with proprietary fungicidal wash to kill spores and inhibit further growth. Following treatment wash area thoroughly with clean water and allow drying.
- Fillets must be provided at corners or sharp angles using 4:1 sand and cement mortar modified with a good quality bonding agent BUTABOND SBR (SL).

#### Priming :

- Priming is not normally required on good quality, well prepared substrates.

### Application :

- Apply SMARZKOT waterguard using an airless spray to obtain a continuous, unbroken film. Water can be added up to 5-10% during application to adjust consistency based on temperature and humidity. Apply four coats, with each coat being applied after the previous one has dried.
- For application with Glass Reinforcement Sheet (GRS), first apply one coat of SMARZKOT waterguard, then place the GRS on the applied material while the first coat is still wet. Roll a paint roller over the GRS to ensure it is bonded with the applied material, then apply the remaining coats of SMARZKOT waterguard.

### Coverage:

SMARZKOT waterguard : 1.1 kg/m<sup>2</sup> @1mm thickness  
(Actual coverage depends on application techniques, ambient conditions, wastage, surface condition etc)

### Packaging:


SMARZKOT waterguard is supplied in 1,5,10 & 20 kg pails.


### Storage & Shelf-life:


Minimum of 12 months shelf-life if kept under room temperature (i.e. 27°C).


### Health & Saety:


SMARZKOT waterguard is non-toxic. Gloves and goggles should be worn Any splashes to the skin or eyes should be washed off with clean water and use a dust mask while handing the powder. For more information about safety please prefer product material safety data sheet.

	It is the practice of increasing efficiency with which buildings use resources- energy, water and materials-while reducing building impacts on human health and the environment.
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	ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and visitors from work-related accidents and diseases.
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	ISO 9001:2015 is a globally recognized standard for quality management systems (QMS). It helps organizations of all sizes and sectors to: Improve performance, Meet customer expectations, Demonstrate commitment to quality, and Identify and improve processes that lack consistency.
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	ISO 14001 is the internationally recognized standard for environmental management systems (EMS). It provides a framework for organizations to design and implement an EMS, and continually improve their environmental performance
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	This symbol is used to identify Redwop products which give off a low level of volatile organic compounds(VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.
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	Our Commitment To The Environment Redwop products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.
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	ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world.
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## REDWOP CHEMICALS PVT. LTD.

Head Office Regd. Office: 2nd Floor, Pearlplaza Complex, Nr. GT Sheth School, 150 ft. Ring Road, Rajkot Gujarat 360005 India

✉ info.redwop@gmail.com 🌐 http://redwop.net ☎ 9724655551 📞 0281 2576664