

# SILICOREP WR200

Silicone based water repellent



## Description:

SILICOREP WR200 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.

## Uses:

Water repellent treatment for,

- Cement painted surfaces
- Concrete, mortar Clay brick surfaces
- Natural and artificial stones
- Mangalore tiled roofs Corrugated AC sheet roofing, etc.

## Advantages/Characteristics:

- Ease of application
- Ready to use, simply brushable 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

## Company Standard Compliance:



## Technical Information:

Properties	Specification
Color	Clean free flowing pale yellow liquid
Specific weight	1.00 to 1.02 @ 30°C
Dry time	20 to 30 minutes
pH	7 to 8

## Application Procedure:

### Surface Preparation:

- 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.

### Application:

- Apply one liberal coat of SILICOREP WR200, simply by brushing evenly on the prepared surface.
- Allow the surface to dry for a minimum of 24 hrs. for best results.
- SILICOREP WR200 can also be applied with an airless spray (0.07 - 0.1 N/mm<sup>2</sup> 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.

**Coverage:**

On porous substrate - 5 to 6 m<sup>2</sup>/ lit

On low porous substrate - 7 to 8 S m<sup>2</sup> / lit

**Packaging:**

SILICOREP WR200 is supplied in 1, 10, 20, 50 & 200 litres pack.




**Storage & Shelf-life:**

Shelf life is 12 months in unopened packs stored at room temperature i.e.27°C.

**Health & Safety:**

Contact with skin and eyes shall be avoided. Contamination with skin and eyes should be washed with water. SILICOREP WR200 water repellent in liquid state is slightly toxic. Should be kept away from children and animals. Prolonged inhalation of the vapour should be avoided and adequate ventilation be ensure.

 <p>Indian Green Building Council</p>	<p>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.</p>
	<p>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.</p>
	<p>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.</p>
	<p>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</p>

	<p>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.</p>
	<p>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.</p>
	<p>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.</p>

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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 (IN) 360005 India

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