

# POLYCOTE WH100

Acrylic transparent  
coating for exteriors



## Description:

POLYCOTE WH 100 is an acrylic anionic emulsion polymer based transparent coating, which is specially designed for premium exterior applications. The fine particle size with narrow particle distribution of the polymer ensures good adhesion. The cross linking gives best of the mechanical properties without compromising on dirt pick up resistance. It is free from plasticizers and solvents.

## Uses:

- Roofs and terraces
- Exterior walls
- Reservoirs and channels
- End walls subjected to rain in all low and high rise buildings

## Advantages:

- Tough & non yellowing under harsh environment
- Excellent adhesion to most of the exterior surfaces
- Balanced mechanical properties
- Gives excellent water Resistance
- Dirt pick up resistance at all film thickness
- Very good Compatibility with thickeners
- Very high alkali resistance

## Product Standard Compliance:

- ASTM C1202
- WRAS - "Suitable for use in contact with portable water" - BS 6920: 2000

## Company Standard Compliance:



## Technical Information:

Properties	Specification
Appearance	White aqueous liquid
Density	Approx. 1.04gm /cm <sup>3</sup>
pH	7 to 8.5
Type of emulsion	Anionic
Solid content	49 to 51 %
Specific Gravity @ 27°C	1.02 to 1.06

## Application Procedure:

### Surface Preparation:

- Remove all dust, laitance or debris the surface must also be free from oil, grease, wax or any other form of foreign matter which might affect adhesion.

### Application:

- The main field of application for POLYCOTE WH 100 is as a binder for exterior architectural coatings.
- The product is design for very high dirt pick up resistance, hence good for dusty & industrial areas. POLYCOTE WH 100 can be formulated in gloss to flat paints varying PVC levels.

**Benefits:**

- **Enhanced durability:** POLYCOTE WH 100 reduces the permeability and increases the resistance to weathering and enhances the durability.
- **Aesthetic view:** This coating will not disturb or change any aesthetic view of structure.

**Coverage:**

40 to 50 ft² per ltr.

**Packaging:**

POLYCOTE WH100 supplied in 20, 50, and 200 ltr packs.




**Health & Safety:**

POLYCOTE WH100 is non-toxic. Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought.

**Storage & Shelf-life:**

Minimum of 24 months shelf-life if kept under room temperature (i.e. 27°C).

 <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 360005 India

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