

# PLASTCONE WH

---

**Single component acrylic polymer for cement based waterproof composite coating membrane.**

## Uses:

POLYCOTE WH provides an effective and economical method of waterproofing to concrete and masonry surfaces, by mixing with cement and application by brush.

## Advantages:

- Non - toxic, non-flammable and user friendly
- Provides a tough, impermeable waterproof membrane
- Can be applied by brush, on horizontal and vertical surfaces
- Excellent adhesion to concrete and masonry surfaces
- Protects concrete and mortar from natural elements such as wind, rain, sunlight
- Breathable - allows inside water vapour to escape

## Description:

POLYCOTE WH is formulated to be mixed with cement on site or simply brush applied over concrete or masonry surfaces to provide an effective waterproof membrane.

## Areas of application

Below sloping screed or waterproof plaster on:

- Roofs, terraces and balconies as a sandwich layer
- Pools and fountains
- Reservoirs and channels
- End walls subjected to rain

## Properties:

- **Water absorption:** 1% maximum
- **Pot life at 30°C:** 30 min.
- **Application temperature:** Not less than 10°C
- **Toxicity:** Non-toxic
- **Bond strength to concrete:** Approx. 1 N/mm<sup>2</sup>

## Application instructions

### Preparation

All surfaces to be treated with POLYCOTE WH must be thoroughly cleaned by a wire brush or other mechanical means, to 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. Spalled and deeply disintegrated concrete or mortar must be removed to a sound substrate and repaired suitably before coating.

# PLASTCONE WH

---

## Priming:

Before application, the surface should be primed with POLYCOTE WH as follows:

1 part of POLYCOTE WH: 2 parts of Water: 4 parts of Cement Mixed material with the above proportion will cover an area of 16-17m<sup>2</sup> for 1L of POLYCOTE WH.

## Topcoat

POLYCOTE WH acrylic polymer shall be mixed with neat cement in the ratio of 1:2 respectively, to obtain uniform and consistent slurry avoiding any lump formation. This can be achieved with a low duty, low speed drilling machine attached with a mixing paddle. Do not mix for more than 2 minutes. Do not mix more material than which can be used within the pot life. Retempering the mix with water should not be done. Occasionally stir the material till the entire quantity is applied, so that solids do not settle at the bottom of the container.

## Mixing Ratio:

### POLYCOTE WH liquid

### Neat cement

POLYCOTE WH liquid	Neat cement
0.5L	1 kg
1L	2 kg
5L	10 kg
20L	40 kg

For white colour - mix white cement, for other colours; add cement compatible pigments to white cement.

## Application

For best results, wet the surface before coating. Apply the mix with a short, stiff bristle brush like paint to an approximate thickness of 1 to 2mm, during the first 12 hours of curing, POLYCOTE WH surface must be protected from abrasion, rain or other adverse conditions. No traffic shall be allowed within 48 hours after application. Normally 2 coats of application of POLYCOTE WH are recommended. First coat should be allowed to air dry for 5 – 6 hours. After application of the final coat, initial air drying shall be allowed for 2 to 6 hours. During this period water should not be used for curing. Moist curing should be done for the next 24 hours by spraying water on POLYCOTE WH coating.

Following moist curing, POLYCOTE WH should be allowed to dry for three days before subjecting it to submersion in water.

# PLASTCONE WH

---

## **Packaging:**

Available in 125ml, 250ml, 500ml, 1, 5, 20, 50, 200 ltr packs.

## **Coverage:**

**Priming coat:** 16-17 m<sup>2</sup>/L

**Topcoat** - 4.5 - 5.0m<sup>2</sup>/L/ coat.

However the practical consumption varies depending on the texture and porosity of the surface and the application thickness.

## **Storage:**

POLYCOTE WH liquid has a shelf life of 12 months, when stored in unopened containers under normal warehouse conditions.

## **Precautions**

### **Health & Safety**

POLYCOTE WH is water based and non-toxic. Gloves should be worn during application. Any splashes on the skin or eyes must be washed off with clean water. In case of prolonged irritation medical advice should be sought.

### **Fire**

POLYCOTE WH is nonflammable.



**REDWOP CHEMICALS PVT. LTD.**

**Office:**

1<sup>st</sup> Floor, Suryachandra Complex,  
Opp Punjab Honda Showroom,  
Kalawad Road,  
Rajkot-(Guj.)INDIA.  
Pin.360005

**Factory:**

Village Shapara, Nr.Jay Internation  
School,Opp Arya Bhagwati Society,  
Kalawad Road,  
Metoda,G.I.D.C  
Rajkot.(Guj.)INDIA.

Customer Care: +91 97246 55551

Phone no.: +91 281 2576664

E: [info@redwopchemical.com](mailto:info@redwopchemical.com)

W: [www.redwopchemical.com](http://www.redwopchemical.com)

**NOTE:** Redwop products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale,

