



PolyPrime 1K AC

Silane Siloxane Based Penetrative Primer For Concrete and Masonry Surfaces

DESCRIPTION

PolyPrime 1K AC is a silane siloxane based primer for concrete surfaces. It penetrates into the pores of concrete and reacts with moisture present to form a hydrophobic polysiloxane sealing to the capillaries. It is a transparent colourless liquid. It bonds well to the concrete surfaces.

TECHNICAL DATA

Physical Appearance	Clear Colourless Low Viscous Liquid	Application Temp	Min 5 °C
Theoretical Coverage	4 - 5 ltr/m ²	Specific Gravity	0.90 ± 0.02

APPLICATIONS

- Used as primer for protection of concrete to the ingress of water and water soluble salts
- Reducing efflorescence in masonry structures

ADVANTAGES

- Prevent ingress of water borne chlorides and sulphates
- Allow concrete to breath
- Penetrates and seal the capillary pores
- Excellent water repellent properties
- Easy to use and cost effective
- Helps ensure good adhesion and also prevents air release from the porous substrate, which may cause bubbles in the coating
- Improved performance over manually prepared concrete surfaces
- Transparent, no change in surface appearance

APPLICATION METHODOLOGY

- Surfaces to be sealed must be dry, structurally sound and free from grease, oil, dirt and other contamination. Remove any curing compound or releasing agents prior to coating. Use compressed air to remove dust and other loose particles. Ensure that the surface is dry prior to application.



- PolyPrime 1K AC is a single pack system. Mix well before application, to ensure that there is no sedimentation
- A low pressure, airless sprayer is the preferred method of application. But a brush or roller may also be used for coating. Material should be applied to assure uniform coverage. Apply PolyPrime 1K AC as per the coverage. Ensure that sufficient material is applied to the saturate surface. Allow the primer to dry for 4 – 5 hrs before over coating.

CLEANING

- Tools, equipment and general clean up can be done xylene or toluene.

HEALTH AND SAFETY

- Use mask, nose cover and hand gloves during application
- Ensure adequate ventilation and avoid inhalation of vapours
- Clean hands with soap after application
- Avoid contact with skin / eye. In case of unlikely contact with skin / eyes, rinse immediately with plenty of clean water, then clean with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area
- Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting.

PACKAGING

Available in 20 Litre pack.

STORAGE

Must be stored in original packing at ambient temperature, dry place under shed away from heat.

SHELF LIFE

If stored in original unopened sealed under the above conditions, it has a shelf life of 12 months.