



PolyCryl Exterior Emulsion

Premium Acrylic Emulsion For Exterior Coating

DESCRIPTION

PolyCryl Exterior Emulsion is a high performance premium exterior emulsion formulated with special grade of acrylic polymer with light, fined pigments, special additives like anti fungal, anti algae property and unique organo silicone chemistry which imparts visible water repellency. This ensure long term protection of the surface and preserves its rich new look. It gives excellent durability, flexibility, weather guard and dirt pick up resistant, protection against fungus, algae growth and UV degradation for exterior walls. Having an unique UV cross link curing mechanism.

PolyCryl Exterior Emulsion is available in white and dark bases as well as factory made wide range of attractive colour.

TECHNICAL DATA

Property	PolyCryl Exterior Emulsion
Appearance	White Viscous Liquid
Recommended Thinner	Potable Water
Recommended Surface	Sand/cement plaster surface, asbestos, brickwork, concrete block, fibreboard
Dilution Ratio	For brush application 200 ml of water/1 ltr of emulsion Note: In case of N base shades, no dilution is advised to ensure proper colour depth.
Number of Coats Required	Apply 2 coats of PolyCryl Emulsion for re-painting provided the colour is same. For fresh painting it is advisable to give 3 coats for rich look.
Drying Time	SD: 1 hr depending on weather conditions. HD: 6 - 8 hrs
Method of Application	Brush, Roller or by Spray
Flash Point	100% water based paint, hence NR
Pot Life of Thinned Material	24 hrs
Fire Hazard Class	Non flammable



USAGE

- Exterior plastered walls, slopes, roofs and domes
- Any complex geometry walls and facades

ADVANTAGES

- User friendly, environmentally safe, non polluting, Green Product
- Very good UV resistance
- Excellent dirt pick up resistant, weather guard and antifungal
- Long term durability and flexibility
- Easy application by brush/roller or spray

APPLICATION METHODOLOGY

- **For fresh/new surfaces-** remove all defects like cracks, blisters loose/defective plaster and gaps, if any followed by a wash with a jet of air/water. Repair structural defects before proceeding application of PolyCryl Exterior Emulsion.
- Fill all cracks up to 5 mm with VITCON 2014 HCP. Fill cracks above 5 mm and all separation gaps with polymer made up of VITCON 2013 SBR and sand/cement.
- Prime the prepared surface with PolyCryl Exterior Emulsion, by diluting PolyCryl Exterior Emulsion with potable water in the ratio of 3 : 1 and applying a coat of the mix and allow it to dry for 6 to 8 hours.
- **For previously painted surface-** strip all the old paint and remove all the loose particles before starting the above process.
- **Direction for application-** Apply the first coat of PolyCryl Exterior Emulsion on the primed surface and allow it to dry for 6 to 8 hours. If required potable water of maximum 20% by volume may be added to PolyCryl Exterior Emulsion to achieve a brushable consistency.
- Apply the second coat of PolyCryl Exterior Emulsion after the first coat is dried up.
- Ensure final curing time of 48 hours before allowing / carrying out any further work, if any.
- Theoretical consumption of PolyCryl Emulsion for 200 micron DFT film would be around 330 ml / m² for application of two coats and a primer coat depending upon the surface preparation, surface porosity, application skill, dilution and finish.



LIMITATION

- Shake well before use and do not over dilute
- Strain the material through a fine sieve before use
- Keep the container tightly closed to prevent drying
- Scrap off old paint thoroughly before painting starts
- For deep shade apply one additional coat
- Do not apply paint on lime washed surfaces and damp wall
- Do not apply paint when moisture content of the wall above 10%, and temperature is below 10 °C and above 45 °C
- If these are violated, owner will be responsible.

HEALTH& SAFETY

- Use mask and hand gloves during application
- Clean hands with soap water after application
- Avoid contact with skin / eyes. In case of unlikely contact with eyes, rinse immediately with plenty of clean water, then cleanse 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 container. Bulk packing is available on request.

STORAGE

Keep in cool dry place, under shed, away from the heat.

SHELF LIFE

12 months in unopened air tight condition.