

POLYCOAT

ELASTOMERIC WATERPROOFING DECORATIVE COATING

DESCRIPTION

POLYCOAT is a synthetic single component elastomeric polymeric waterproofing coating for concrete/plaster/metal/wood surfaces, asbestos cement sheets, etc.

USES

- POLYCOAT can be used as a coating for concrete, plaster, stone, masonry steel, cast iron, wood, synthetic woods, brick structures.
- Waterproofing of external walls, chemical plants and machinery, overhead and underground water tanks, general chemical plants, concrete structures subjected to chemical attack or bacterial or other contamination, jetties, sewage plants or other installations permanently under water.
- Pipe joints (both) new and repaired.
- Coating of concrete/steel pipelines carrying potable water, raw water or effluents.

ADVANTAGES

- Exteriors can be waterproofed and decorated simultaneously eliminating painting expenditure.
- Does not attract fungus, moss, etc. during monsoons, hence, exteriors look freshly painted for years.
- Off-white, ivory, grey, terracotta shades not affected by ultraviolet rays of sun.
- Protects structures from salt penetration in marine environments.
- Can be suitably modified to become a fire resistant / retardant coating.

- Unaffected by a wide spectrum of chemicals including some dilute, concentrated acids and alkalis.
- Protects underground structures from attack by ground water sulphates and chlorides.
- When suitably modified, it inhibits bacterial growth making it suitable for hospital interiors.
- Has a fairly good resistance to abrasion due to normal wear and tear.

INSTRUCTIONS FOR USE

Surface Preparation & Cleaning

- Life and performance of POLYCOAT depends on the extent and quality of cleaning.
- Clean the surface to remove dirt, loose particles, flaking paint, etc using brush and water jet.
- Scrub it down to original hard bare surface.
- Examine the surface closely for any cracks or openings.
- Fill the cracks with POLYFILL AR and for specialized cracks use POLYALK EP mortar. (Refer to datasheet)

Application

- Open the container and stir the contents well with a mechanical stirrer for at least 15 minutes to attain uniform consistency.
- Apply it by brush, roller or spray.
- Allow the primer coat to dry and set for 4-6 hours.
- Depending on the recommendations, subsequently, apply two or three coats POLYCOAT directly at an interval of 24 hours between each coat.
- After the final coat, allow it to set for 3 days.
- During the entire application & set period, protect the coating from dust, dirt, water etc.
- In the case of steel surfaces, all scales, rust and grease should be removed.

DRYING TIME

- Touch dry : 30 minutes at ambient temperature
- Tack free dry : 3 hours ambient temperature
- Hard dry : 24 hours at ambient temperature
- Cure time : 3 days.

CURING

- Self cures progressively over 3 days, attaining full strength after 7 days.

COVERAGE

- Average 5 to 6 M²/ L per coat. Actual coverage depends on the nature of the surface.

CONFORMANCE

Waterproofing	IS 3085/1965
U.V. Resistance	ASTMD-322
High Temperature	A STMD-794
Abrasion	ASTMD-968/57
Salt Spray Test	I.S. 2074/1962
Acid /Alkali Resistance	Unaffected for 30days by H ₂ SO ₄ , Na ₂ CO ₃ , pH1, pH13.5

PACKING

- 20 Litres

COLOUR

- Ivory, white, grey, terracotta best suited for exteriors. Available in slightly glossy or matt finish.

STORAGE & SHELF LIFE

- 6 months when stored in a cool & dry place; away from direct sunlight, in original sealed packing.

PRECAUTIONS

- POLYCOAT is ready to use. If thickened due to long storage, use specified thinner (upto 5% maximum)

DISCLAIMER

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