TECHNICAL DATASHEET

ACRYLIC WATERPROOFING

Polycolor Acrylic Waterproofing is a flexible emulsion paint used with Polytol membrane to provide excellent waterproofing properties to a roof. This product can be applied on flat/ inclined roof (non-ponding), parapets as well as outside walls.

PRODUCT BENEFITS

- **Waterproofing Capability:** Enhanced film thickness enables effective crack bridging and superior waterproofing performance.
- **Flexibility:** Highly flexible formulation effectively covers hairline cracks (≈1.25mm), preventing water pressure.
- **Elastomeric Properties:** Exceptional elasticity accommodates stresses from thermal expansion and contraction.
- **UV Stability:** Excellent resistance to UV rays, ensures long-lasting color retention and an attractive finish.
- **Low Dirt Attraction:** Minimal dirt accumulation makes cleaning effortless, maintaining visual appeal.
- **User-Friendly Application:** Easily applied with a brush, roller, or spray, ensuring a smooth application process.

SURFACE PREPARATION

Surface Preparation for New Substrate

New surfaces: Surface must be thoroughly cleaned, free of dust & grease and washed well with water. Treat any areas affected by algae, moss or fungal growth with **Polycolor Fungicidal Wash & Treatment**. If cracks of up to 3mm is present, it shall be treated with **Polycolor Waterproofing Crack Filler.**

Surface Preparation for Old/Repainted Substrate

Existing substrates must be cleaned to remove all dirt, mildew and other contaminants. Treat any areas affected by algae, moss or fungal growth with **Polycolor Fungicidal Wash & Treatment**. This is accomplished by pressure-cleaning equipment with a minimum capability of 100-140 bar water pressure. All grease, oils and asphalt materials must be removed completely. Also, remove any other old film on the surface.

Sealing: After the proper surface preparation and curing of repaired areas, wash the surface well and maintain it. In dry surface condition, proceed with priming by using **Polycolor Durabond A;** dilute with water in 1:3 ratio (1-part **Polycolor Durabond A** diluted with 3 parts **water**). Maintain the spreading for a single coat application to achieve about 20 – 25 microns DFT. Allow it to dry for 4 hrs.

Priming: Apply 1st coat **Polycolor Acrylic Waterproofing** with a dilution up to 30% and let dry for 4 hours.

Membrane: Bed the Polytol membrane into the wet coat by using a roller avoiding bubbles and wrinkles formation.

Coating:

1. Apply 2nd coat **Polycolor Acrylic Waterproofing** without dilution.
2. Apply 3rd coat of **Polycolor Acrylic Waterproofing** without any dilution.

PRODUCT FEATURES

Surface	Exterior
Available Pack	1L, 5L and 20L
Shelf life	2 years from date of manufacture in original tightly closed containers.
Available Color	White
Coverage	8-10m^2/L/coat
Finish	Matt
Drying time to touch	60 Minutes @ 25 – 35 °C

TECHNICAL INFORMATION

- **Typical Application:** All types of exterior masonry surfaces, concrete, cement sand renderings, existing coating and cement sheets

- **Theoretical Coverage:** On normal masonry surface. The spreading capacity of this product will vary according to the roughness and porosity of the surface.

- **Shelf-Life:** Shelf life is up to 24 months from the date of manufacturing in unopened conditions. To be stored in original and unopened packaging in a cool and dry place away from direct sunlight.

PRECAUTIONS, LIMITATIONS AND ENVIRONMENT FEATURES

- Do not dilute.
- Do not apply when ambient temperature is below 10°C or above 35°C.
- Do not apply in direct sunlight or during rain or expected rain.
- Adhesion property may get affected over putty and very smooth surfaces.
- Primer / coating should not be applied on areas where moisture reading (as measured by moisture meter) exceeds 17%. These walls should be left to dry further.
- Stir well and strain before use for topcoat.
- Tinted coating needs thorough shaking immediately after tinter addition as well as before use.
- Skin Contact: Wash skin with soap & water. Remove contaminated clothes.
- On eye contact: Immediately splash eyes with plenty of water. Consult Physician if irritation persists.
- Ingestion: It is based on Water Based Coating system, however, seek medical help.

Left-Over paint disposal:

- Left-over paint/drums should not be disposed in soil/drains. Consumers should consult a local recycling agency for disposal of paint/drums.
- The pails/drums should not be used for storing food items.