

FIBRATED WATERPROOFING

Polycolor Fibrated Waterproofing is a high-performance, fiber-reinforced coating which is Designed to provide exceptional protection against water intrusion and environmental damage. This advanced formulation combines the strength of fibers with a waterproofing compound, making it ideal for various applications, including roofs, basements, and exterior walls.

It comes with 3 year warranty- <https://polytolpaints.com/datasheet/warranty-booklet.pdf>

PRODUCT BENEFITS

- **Carbonation Protection:** Acts as a robust barrier against carbon dioxide diffusion, safeguarding embedded steel from corrosion.
- **Waterproofing Capability:** Enhanced film thickness enables effective crack bridging and superior waterproofing performance.
- **Flexibility:** Highly flexible formulation effectively covers hairline cracks ($\approx 1.25\text{mm}$), preventing water ingress.
- **Durability:** Tough film structure resists damage from wind-driven rain.
- **Elastomeric Properties:** Exceptional elasticity accommodates stresses from thermal expansion and contraction.
- **Ready-to-Use:** No dilution necessary; ready for use.
- **Microbial Resistance:** Protects against fungal and algal growth, helping to preserve aesthetic appeal.
- **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 **Terraco acrylic 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 6-8 hrs.

Priming: Apply first coat **Polycolor Fibrated Waterproofing** with a dilution up to 30% and let dry for 6-8 hours.

Coating:

1. Apply second coat **Polycolor Fibrated Waterproofing** without dilution.
2. Apply third coat of **Polycolor Fibrated Waterproofing** without any dilution.

With brush & roller; apply 2 coats of Fibrated Waterproofing without any dilution and maintain the application to achieve about 280-300 microns WFT.

PRODUCTFEATURES

Surface	Exterior
Available Pack	1L, 5L and 20L
Shelf life	3 years from date of manufacture in original tightly closed containers.
Available Color	White
Coverage	3m ² /L/coat
Finish	Matt
Drying time to touch	60-80 Minutes @ 25 – 35 °C

TECHNICALINFORMATION

PROPERTIES	STANDARD SPECIFICATION	RESULTS
Elongation %	ASTM D 412	100
Tensile strength, Mpa	ASTM D 412	2.50
Water Resistance	SS 500	Passes
Water Absorption @ 24 hrs	ASTM D 417	Passes
Water Vapour Transmission	ASTM D 1653	Passes
Accelerated QUV @ 3000 hrs	ASTM D 4587	Passes
Crack bridging Ability	EN 1062-part 7	Class A4(>1.25mm)
Positive Hydrostatic Pressure	DIN 1048	8 Bar
Anti carbonation	EN 1062-part 6	Complies
Rapid Chloride ion Penetration test	ASTM C 1202	Low
Total thickness	170 - 190 microns	

- **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.

- 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.

DISCLAIMER The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.