

PROXON ECOAT PLUS

PROXON ECOAT PLUS is an acrylic, fiber-reinforced, water-proof coating forming a flexible, seamless membrane with crack-bridging and high tensile strength.



What

PROXON ECOAT PLUS is a single-component acrylic waterproof coating with high elasticity, durability, and crack-bridging properties. It forms a seamless, breathable membrane reinforced with micro PP fiber and optional glass fiber mesh.

Why?

- Single-component, easy-apply
- High elasticity, durable
- UV, weather-resistant
- Fungus, bacteria-resistant
- Washable, low-maintenance
- Abrasion-resistant, eco-friendly

Usage

PROXON ECOAT PLUS is Ideal for water-proofing all cementitious sloped roofs and terrace slabs. Suitable as an overcoat for existing cementitious and acrylic coatings, ensuring enhanced durability & protection.

How to use?

- Clean & dry surface
- Remove rust & fungus
- Fix cracks & damage
- Primer one coat
- Apply two or three coats
- Perpendicular layer application

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About

Surface Preparation & Application

Ensure all substrates are dry, clean, and free from dust, grease, or loose particles. Rust on metal surfaces must be removed via wire brushing or grit blasting. Old water storage structures should be cleaned with a wire brush & any fungal growth or loose plaster must be chipped out and repaired with latex-modified plaster. High-pressure water jetting is recommended for dirt and fungus removal. Surface cracks should be widened (4mm) & filled with **PROXON MULTIFILL GP**. Bitumen-based membranes must be fully removed.

Priming

Apply a primer coat using **PROXON ECOAT PLUS** diluted with 20% clean water. For aged or treated surfaces, use **PROXON CREAT A** slurry to enhance adhesion.

Application

Let the primer dry for 3-4 hours before applying **PROXON COAT PLUS**. Apply three undiluted coats (0.5 kg/sqm per coat) with a 4-hour gap between coats, ensuring perpendicular layering for full coverage. Clean tools with water after use.

Physical Properties

Standard Conforms	BS 476 - 3
Appearance	Viscous Liquid
Colour	White/Grey/Terracotta
Density	1.2 gm/cc
Solid Content	62% ± 2% by weight
Elongation at break	150% (ASTM D 638)
Tensile Strength	1.50 N/mm ² (ASTM D 412)
Adhesion to substrate	>1.0 N/mm ²
Water Permeability	No leak at 5 bars (DIN 1048)
Crack Bridging	2mm (ASTM D 836)
Toxicity	Non toxic
Application Temperature	10°C to 50°C
Service Temperature	50°C to 90°C
Touch dry	4 Hours
Full cure	72 hours @25°C

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Packing

PROXON ECOAT PLUS is available in 20 kg packs.

Storage

Store in a cool, dry, shaded place. Protect from sunlight, humidity, and extreme temperatures. Shelf life: 12 months. In tropical climates, store in a cooled environment.

Health & Safety

PROXON ECOAT PLUS contains no hazardous substances but requires caution. Wear gloves, goggles, and protective clothing. Store properly. Rinse splashes with water. If swallowed, seek medical help; do not induce vomiting.

MANUFACTURING & MARKETING BY:

PROXON PRIVATE LIMITED

Corporate Office : #2/3, Sakthi Nagar Main Road, Arumbakkam,
Chennai-600 106, TamilNadu, India | **MOB :** +91 89259 62014

Website : www.proxon.in | info@proxon.in



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