

PROXON EFS PRIMER

PROXON EFS PRIMER is a two-component epoxy primer that seals concrete with a nonporous finish, ensuring strong adhesion and abrasion resistance for topcoat applications.



What

PROXON EFS PRIMER is a two-component epoxy primer that deeply penetrates concrete, sealing it with a nonporous finish. It ensures strong adhesion and resists abrasion, providing an ideal base for topcoat applications.

Why?

- Excellent chemical resistance
- Strong abrasion resistance
- Solvent-free formula
- High mechanical strength
- Quick, easy application
- Durable, seamless finish

Usage

PROXON EFS PRIMER is recommended for interior concrete floors in industries such as pharmaceuticals, food processing, labs, showrooms, and manufacturing units. Suitable for sun-protected interiors only; not for exterior use.

How to use?

- Clean, dry substrate
- Remove all contaminants
- Apply primer evenly
- Mix 1:1 ratio
- Use slow mixer
- Apply within pot life

PROXON EFS PRIMER

Application

Surface Preparation: The substrate must be clean, dry, hard, and free from dust, paint, lime, plaster, curing agents, wax, polish, laitance, and similar contaminants. Use a suitable degreaser to remove grease, oil, or wax. For priming, apply Proxon EFS Primer to seal pores and prevent air bubbles from rising through the top-coat. The primer improves flow and ensures strong adhesion to the substrate.

Mixing & Application: For mixing, combine Part A (Resin) and Part B (Hardener) in a 1:1 weight ratio in a clean container. Ensure full removal of material from each pack. Mix thoroughly using a slow-speed stirrer (≤ 300 RPM) or a jetty blade mixer until a smooth, uniform blend is achieved. Scrape the sides and bottom of the container during mixing to maintain consistency. Avoid hand mixing, and do not introduce

air bubbles, as they may affect performance. Once mixed, apply the primer immediately within its pot life to prevent premature curing and ensure effective bonding to the substrate.

Packing

10 & 40 kg packs.

Storage

Store in a cool, dry, shaded place. Protect from sunlight, humidity & extreme temperatures. 12 months from the date of manufacturing

Health & Safety

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.

Physical Properties

Type	Epoxy / Amine
Mixing ratio(R:H)	1:1 (Pre - Weighed Kit)
Percentage of solids	80 %
Flash point	Non - Flammable
Surface dry	8 hours
Pot life	30 minutes
Tack free dry	12 hours
Hard dry	7 days

PROXON EFS PRIMER

Compressive strength at 30 °C - 14 days	40 - 45 N/mm ² As per ASTM C 579
Tensile strength at 30°C - 14days	11 N/mm ² As per ASTM D882
Pull of adhesion As per ASTM D 4541	Passes up to 2.21 mPa
Flexural strength	20-25 N/mm ²
Application method	Trowel & spick roller
Clean up	Thinner / Solvent

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



Product Use Advisory : The technical information and advice provided are based on current scientific and practical knowledge. As this is general information, no warranty is given on product suitability for specific applications. Users must verify product suitability for their intended use and application.