

PROXON CRETE A

PROXON CRETE A is a ready-to-use acrylic bonding agent and primer that enhances cement mortars' adhesion, waterproofing, and durability for internal and external applications.



What

PROXON CRETE A is a ready-to-use, modified acrylic bonding agent and primer that enhances adhesion, waterproofing, and durability of cement mortars. Suitable for internal and external use in modified plastering and thin floor toppings.

Why?

- Excellent adhesion to substrates
- Improves toughness, flexibility
- Reduces plastic crack formation
- Enhances tensile, impact strength
- Increases wear, frost resistance
- Suitable for all applications

Usage

Used as primer for concrete repair, water-resistant toppings, bonding brick slips, stones, and wall capping. Acts as sealer for porous surfaces, over bitumen coatings, and enhances cement mixes by reducing shrinkage in difficult curing areas.

How to use?

- Clean surface, remove contamination
- Apply bonding coat correctly
- Use as curing aid
- Improves strength and adhesion
- Works over bitumen primer
- Suitable for screeds, mortars

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Application

PROXON CRETE A can be used neat or diluted with water depending on application needs. Surface preparation directly affects the repair durability. Saw cut perimeter edges to 15mm to prevent feathering. Remove loose or contaminated concrete and expose corroded steel with 20mm clearance. Saturate the substrate with water for at least 1 hour before application. Remove standing water. Apply Proxon CRETE A using a stippling brush action ensuring complete coverage. Apply repair mortar while the primer is still tacky.

PROXON CRETE A can also be sprayed as a curing aid. As a bonding agent for screeds, renders, or plaster, ensure the substrate is clean, stable, and free from oil or loose materials. Use **PROXON CRETE A** as a primer (1:2

with water) followed by a bonding coat (1:1 with water). Apply screeds or plaster while tacky.

As an admixture, **PROXON CRETE A** enhances strength and adhesion at 3L per 50kg cement. It can also serve as a bonding primer over bitumen before waterproofing.

Coverage

As a surface bonding agent, Proxon CRETE A covers 6-7 Sq.m/L depending on substrate. As a curing agent, it covers 10-12 Sq.m/L. For slurry coat, consumption is 1L/Sq.m. Coverage varies for cement-modified slurry.

Packing

Available in 5kg, 20kg & 200kg drums.

Physical Properties

Appearance	Milky white liquid
Composition	Acrylic resin
Adhesion to concrete (BS6319)	1.5N/mm ²
Specific gravity	1.02 ± 0.02
Application Temperature	Above 5°C to 45°C
Service Temperature	20°C to +60°C
Solid Content	48%
Standards	The product is designed to comply with ASTM C932

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Shelf Life

Store in cool, dry, shaded areas. Shelf life is 12 months when protected from sunlight, humidity, and extreme temperatures. Store in cooled conditions in tropical climates.

Safety

Contains no hazardous substances but requires caution. Wear gloves, goggles, and protective clothing. Reseal containers after use. Rinse skin or eyes with water if splashed. If swallowed, seek medical help immediately. Refer to MSDS for details.

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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