

PRO APCC-2 PART

BRAND/PRODUCT NAME

PRO APCC-2 PART

Acrylic Polymer Cementitious Coating

MANUFACTURER

PROTEC GREEN PTE LTD

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PRODUCT DESCRIPTION

PRO APCC-2 PART is a two component (Part A & B) Acrylic Polymer Cementitious Coating, prepacked for resurfacing and patching all kind of concrete surfaces. It is specially formulated to have high abrasion, outstanding skid resistances for internal and external walkways and areas.

PRO APCC-2 PART is use as a protective screed for high wearing areas, such as walkways, industrial floors and driveways. It is also ideal for patching.

ADVANTAGES

- Pre-blended of economical and high quality product
- Mixing and Application are easy
- Excellent Adhesion Strength to concrete
- Excellent workability
- High performance and good water resistive

USES

PRO APCC-2 PART is use as general resurfacing, patching and repairing of sound concrete surfaces as walkways, industrial floors and driveways. Suitable for pavement, footpaths, void decks, aprons, carparks and any driveways that requires anti-wear and skid resistance.

INSTALLATION

Surface Preparation

Surfaces receiving **PRO APCC-2 PART** must be clean and free of dust, oil and all impurities/contaminants that might inhibit bonding. Prime surface with **PRO MAX BOND 13**.

Mixing

Pour **Part B** (Liquid) into clean container and gradually add **Part A** (Polymer). Mix slowly with a low speed mechanical mixer and stir until a creamy paste consistency is obtained.

Application

Pour and lay the mixture onto prepared surface. Use a metal trowel to smoothen the material up to thickness of 2mm to 5mm. Use a spiked roller to roll the surface immediately to release trapped air. Avoid over rolling and do not attempt to float finish the setting surface.

Application of mixed materials within 20 minutes in a continuous process will gain best results.

Broom the surface to promote anti-skid surface shortly after initial set.

Curing

Allow fresh applied material to cure naturally in ambient conditions. Protect with polythene sheet to reduce premature water loss. Foot Traffic open after 2 hours depend on the substrate and environment.

SHELF LIFE

Approximately 9 months in factory sealed packaging.

PRO APCC-2 PART should be stored indoor and off the ground in dry area.

*High humidity will reduce the shelf life of bagged cementitious product.

TECHNICAL DATA

Performance Properties:

TEST/ TEST METHOD	RESULTS
Compressive Strength ASTM C109C C109M:2016a	≥ 35 N/mm ²
Flexural Strength ASTM C348:2014	≥ 8 N/mm ²
Shear Adhesion Strength ASTM C482:2002(2009)	≥ 2 N/mm ²
Skid resistance ASTM E303:2022	≥ 55
Abrasion resistance ASTM D4060-19	≤ 1.5g
Water Penetration DIN 1048-5:1991	< 5mm
Coverage	1.5 kg/m ² /mm thick

PACKAGING

PRO APCC-2 PART comes in 2 parts:

Part A: 25 Kg Powder (bagged)

Part B: 5 kg Liquid (bottled)

CAUTION

PRO APCC-2 PART contains Portland Cement and Silica Sand. Avoid eye and skin contact. Use protective gloves and goggle. Mix in a well-ventilated area and avoid breathing powder or dust.

For further information, refer Safety Data Sheet.

Sales and Technical Services

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