



Trubuild APC-225 (Acrylic Polymer Coating) is an acrylic polymer-based coating which is used in conjunction with cement as a coating for waterproofing and bonding application.

APPLICATIONS

Trubuild APC-225 is used as protective coating for concrete structures like sunken portion, toilets, balcony, chajja, basement, terrace, and concrete repairs. It can be used for water retaining structures & general concrete repairs. It can be used for Protection of concrete against corrosion, salt attack etc.

ADVANTAGES

- Economical
- Can be used in both horizontal & vertical surface
- Excellent adhesion on various substrates
- Reduces or prevents salt attack
- Can be used as waterproofing coating
- Can be used as bonding agent

STORAGE

Product should be stored in a dry place in their original, properly closed containers at temperature between 2 - 40°C. Partially emptied container should be closed immediately.

TECHNICAL DETAILS

PROPERTIES	STANDARD	RESULTS
Physical state	In House	Low Viscous liquid
Appearance	Visual	Opaque
Color	Visual	White
pH	ASTM E70	7-9
Specific Gravity	ASTM D 1475	1.01-1.03
% Solid	IS:4835	28-30%
Compressive Strength at (1:3::cement:sand) with 10% dosing into it after 28 days.	ASTM C 109	30-40 N/mm ²
*WFT (2 Coats)	ISO 2808	Min.300 - 400Micron
*DFT (2 Coats)	ISO 2808	Min.200 - 300 Micron

Mixing proportion:2 kg cement: 1kg Trubuild APC 225 Polymer

Material	Two Coat on concrete kg/m ²
Cement	0.750
APC-225	0.375

COVERAGE

- *1.125kg mix/m²/2 coats
- *0.375 kg APC/m²/2 coat
- *Depending upon level and porosity of the substrate

HOW TO USE

Surface Preparation

The surface should be clean and dried before application. It should be free from dust, unsound material, loose plaster, oil, paint, grease, algae and corrosion deposits. Fill all the cracks up to 5 mm by Trubuild CFP 425 and above by making PMM using Trubuild WPL 333.

Waterproofing Coating

Make a slurry of 1:2 ratio of Trubuild APC-225 and cement and apply first coat on concrete surface. Make sure that concrete surface is in SSD condition before application of first coat. After 5 -6 hours of application of first coat, apply second coat of Trubuild APC-225 coating. After application of 2nd coat, allow the system to air cure for 5 to 6 hours. This should be followed by moist curing by sprinkling /spraying of potable water for 24 hours. After moist curing, the surface should be allowed to air cure for 3 to 5 days before covering it with screed and there after lay the protective screed to avoid mechanical damage. Coverage: 1.125kg mix/m²/2coats

Render & Mortars

Add 10-15% of Trubuild APC-225 by weight of cement, in a 1:3 cement and sand mortar for repairing of patch work as per the suitability.

APC-225

Acrylic Polymer Coating

TECHNICAL DATA SHEET

VER NO.11



Trubuild APC 225 Brush Topping

Material	Quantities of Material in Kg for one cubic meter	1 sq.m. of 1.5mm Thickness
Cement	860	1.30
Trubuild APC 225	430	0.65
Fine Silica Sand	860	1.30
Total Weight in Kg	2150	3.25

PRECAUTION AND LIMITATION

- Trubuild APC 225 should not be used in isolation of cement
- Trubuild APC 225 shall be applied to the substrate temp above 10°C to below 40°C
- Surface should be in SSD condition. Neither apply fully dry surface nor standing water
- Ensure to provide a protective plaster over the final coat to avoid mechanical damage
- Avoid coating in intermittent of rain

SHELF LIFE

2 years

HANDELING PRECAUTIONS

Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product data sheets and the brochure "Hygienic precautions for handling plastics products".

PACKING

10 Ltr & 20 Ltr

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