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ROOF PRO ADVANCE

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Complies with standards ASTM D 412, ASTM D 4541, ASTME 96, ASTM D 2369, ASTM G 154, ASTM D2939.

PRODUCT DESCRIPTION

ROOF PRO ADVANCE is single component water bases acrylic waterproof coating. it can be applied to most structural surfaces to make them waterproof. The coating is UV stable and highly reflective with high flexibility.

SUITABLE FOR

Where to Use

- Terrace
- Roofs & walls
- Old & new concrete surfaces
- For all external applications.

PRODUCT DATA

PARAMETERS	RESULTS
Appearance	Milky, white emulsion
Application temperature range	from 5°C to 40°C
Total solids % ASTM D 2369	62.0 – 64.0 %
Viscosity @30°c (Brookfield RVF 4/20)	~12000 – 18000 cps
pH	7.5 ± 0.5
Density	1.2 g/cc
Sieve analysis	No bits at 1000 µm
Film surface	Non tacky and water repellent
Emulsifying system	Anionic - nonionic



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ROOF PRO ADVANCE 20KG

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TECHNICAL DATA

PARAMETERS	RESULTS
Elongation at break @1 mm thickness ASTM D 412	410 - 450 %
Tensile strength ASTM D 412	~3.5 MPa
Modulus 100% elongation ASTM D 412	~2.2 MPa
Pull of adhesion ASTM D 4541	~1.5 MPa
UV resistance ASTM G 154	No visible cracking, peeling or degradation after 1000 hours
Water vapor transmission ASTM E 96	~6g/m²/24 hrs.
Hydrostatic pressure resistance DIN EN 12390 - 8	Resists ≥ 5 bar pressure
Ponding water test ASTM D 2939	No water absorption after 72 hours

USAGE

ROOFPRO ADVANCE is used for waterproofing of all types of RCC surfaces such as roofs chajjas, parapet walls and external walls. Asbestos cement sheets roofs can also be waterproofed using scrim cloth or Seal Arm Tape at the junctions overlaps and J-bolts as reinforcement. As a damp proof course applied under the first layer of bricks or blocks in masonry works.

METHOD OF APPLICATION

Surface is thoroughly prepared and free from any impurities. Then Primer the surface before doing the Final application. For Primer -dilute one part by volume of ROOFPRO ADVANCE with one part of clean water and apply with a brush evenly on the surface.

For Coating :- Two Coats are recommended. When the primer coat is touch dry apply the first coat. The Secondcoat to be perpendicular to the first coat, which ensures uniform masking & even application.



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SAFETY PRECAUTION

use of hand gloves is necessary while mixing the Product In case of contact with skin or eyes, use plenty of water to wash and obtain medical help immediately.

Bond Application

Apply only on concrete surfaces cured for at least 28days.
• Do not apply if the temperature is above 40°C or below 5°C.
• Ensure the surface is dry and clean before application.
• Avoid application if rain is expected within 24 hours.



COVERAGE

0.7 kg/m² per two coats with thickness of 0.4 to 0.5mm. 20 kg bucket will cover 290 - 310 Sqfts per two coats with thickness of 0.4 to 0.5 mm.

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PLOT NO. 14P, 25P AND 15P1, 24P1, SY NO. 381 PART, KIADB INDUSTRIAL AREA, MANVI, RAICHUR, KARNATAKA - 584123

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Specifications may be modified without prior notice. The displayed results are representative and based on the testing procedures employed. Real-world performance will be influenced by installation technique and on-site conditions.