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BATH PRO ADVANCE 2K

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Complies with Standards ASTM D 638, ASTM C 1305, ASTM D 2369, ASTM D 412, ASTM E 96.

PRODUCT DESCRIPTION

BATH PRO ADVANCE 2K - Standard is a two-component, cementitious waterproofing coating system formulated with a blend of high-grade cement, graded fillers, performance-enhancing additives, and an acrylic polymer dispersion. The system forms a durable and flexible coating with strong adhesion to concrete and masonry surfaces, making it suitable for underlay waterproofing, Roofs, and other horizontal substrates.

SUITABLE FOR

Where To Use

- Roof Slab
- Sunken Slabs
- Basements
- Water Tanks
- Sunshades
- Terrace Waterproofing
- Interior & Exterior

Advantages

- Superior Chemical bonding
- Higher abrasion resistance.
- Well optimized polymer - to - cement ratio for improved flexibility and adhesion.
- High flexural/tensile strength to control cracking
- Resists extreme hydro-static pressure.
- Easy to apply & cost-effective.

PRODUCT DATA

PARAMETERS	RESULTS
Chemical Type	Part A: Acrylic polymer Part B: Blend of portland cement, mineral fillers and performance additives.
Appearance	Part A: Milky white Part B: Grey powder.
Solid content by weight ASTM D 2369	~75%
Application temperature	10°C ≤ T ≤ 40°C



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TECHNICAL DATA

PARAMETERS	RESULTS
Tensile strength ASTM D 638	~1.0 n/mm²
Crack bridging capacity ASTM C 1305	≥ 1.3 mm
Elongation at break ASTM D 412	~50%
Bond strength ASTM D 7234	≥ 1.0 mpa
Water permeability DIN 1048	No water penetration at 5 bar pressure for 48 hours
Resistance to water vapor transmission ASTM E 96	<5 g/m²/24 hrs.
Foot traffic ISO 13007	24 hours at 25°C
Coverage	1.5 kg / 1 sqm / 2 coats @0.8 to 1 mm thickness

USAGE

BATH PRO 2K is a two-component acrylic polymer-modified waterproofing membrane. When mixed properly, it forms an easy-to-apply brush or trowel coating with excellent adhesion, toughness and durability. Suitable for concrete, screed, plaster and masonry surfaces.

METHOD OF APPLICATION

Step 1: Surface Preparation

Ensure the surface is clean, dry, sound and free from dust, oil, grease and loose particles.
Repair cracks and joints before application.

Step 2: Mixing & Application

- Mixing Ratio: Powder 4.5 kg + Liquid 1.5 kg = Total 6 kg Bucket
- Add liquid and clean water as required, then slowly add powder while mixing
- Mix for 2–4 minutes until a smooth, lump-free consistency is achieved
- Apply evenly using a brush or stiff-bristle brush at 100–150 mm width for joints and required areas.
- Apply 2 coats to achieve approximately 1 mm thickness per coat
- Allow the first coat to dry before applying the second coat
- Protect the coating from water until fully cured.



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SAFETY PRECAUTION

BATH PRO 2K is non-toxic but it is alkaline in nature. Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought. Should use a dust mask while handling the powder part.

Shelf Life

2K Standard has a shelf life of 12 months if kept in a dry store in unopened condition.

Storage and Handling Guidelines

The product should be stored as per national regulations in a cool, dry, and well-ventilated area, away from direct sunlight and extreme temperatures. Keep it out of reach of children. Ensure the container is tightly sealed when not in use. Handle with care to avoid contamination. Stir well before use and apply as per the recommended guidelines.

Environmental, Health, and Safety Information

For comprehensive information regarding the safe transportation, handling, storage, and disposal of this chemical product, please refer to the accompanying Safety Data Sheet (SDS). The SDS contains detailed information about physical properties, environmental impacts, toxicological hazards, and other safety related factors. It is crucial to read the current SDS before using any product.



COVERAGE

Recommended total coating thickness is approximately 2 mm for moderate/heavy waterproofing requirements.

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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.