

BathPRO Advanced

2K Flexible Cementitious
Waterproofing Membrane

Product Description:

BathPRO Advanced is a high performing, elastomeric waterproofing coating agent that consists of two parts polymer-modified acrylic. The product is excellent for waterproofing and protecting concrete structure that may be exposed to acidic gas, chloride ions, oxygen, and water.

BathPRO Advanced possesses excellent bonding properties and therefore acts as a great waterproofing agent and works well on all types of structures, even the ones present in coastal environments. This product can be used on concrete, brick, and block work substrates and is just as suitable for new as well as existing structures.

BathPRO Advanced has been designed to reface structures and to even out jagged variations in surfaces made of concrete or structure where shrinkage cracks have appeared. The product is most suitable for waterproofing bathrooms water tanks reservoirs, drainage culverts basements, non-tower podiums, and roofs. BathPRO provides a strong, extremely durable, and water-resistant coating to any surface it is applied to. The product also possesses anti-corrosion, anti-carbonation, anti-crack, and highly flexible properties. BathPRO Advanced protects steel structures against oxidation.

Advantages:

- Water Proofing
- Quick Drying
- Easy to Use
- Excellent Adhesion
- Seamless Coat
- Excellent Bond Strength
- Anti-Carbonation
- Anti-Efflorescence
- Highly Elastic
- Compatible with concrete/mortar mixes.
- No shrinkage cracks
- Protects steel against corrosion

Suitable For:

- Bathrooms
- Water Tanks
- Old Concrete
- Roof Slabs
- Basements
- Balconies

Packaging:

Available in 3 kg & 15 kg.

Coverage:

Approximately 1 kg/m² at 1 mm thickness.

Shelf Life:

Factory packed pail of MagicShield – BathPRO Advanced carries a shelf life of 24 months in its original packaging, if stored in cool & dry place. However, as temperature, humidity, water addition & other parameters vary from site to site, the information should be treated as a general guideline.

Cautions:

- It is not suitable for traffic area application.
- Do not add any more sand or cement.
- Add powder to polymer, to ensure the mixture is lump free.
- Do not add water during mixing and application.

Safety Precautions:

- Avoid contact with eyes or prolonged contact with skin.
- It is recommended to use rubber hand gloves & safety goggles
- In case of contact with skin, wash the area with plenty of water.
- Keep out of reach of children.



TECHNICAL DATA

Applicable Standard:

ASTM D 4541, ASTM D 836, ASTM D 412, ASTM D 1640.

Performance Properties:

Pack	3 kg & 15 kg
Shelf Life	24 Months in the original packaging
Mixing Ratio	3:1
Polymer Content	>18 %
Water Absorption	<6%
Set-to-touch Time	45 mins
Elongation	60%

Working Properties:

Tensile Strength	2.5 N/mm ²
Adhesion to substrate	0.80 N/mm ²
Adhesion to concrete	1.75 N/mm ²
Immersion in water adhesion to concrete at 7 days	1.00 N/mm ²

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on usage methods and site conditions

INSTALLATION

Surface Preparation:

The application surface must be compact and consistent, free from oil, grease, corrosion deposit, loose particles or any other foreign material prior to commencement of application of MagicShield - BathPRO Advanced. Allow the new masonry and concrete to fully cure prior application.

Mixing:

Add powder to liquid (3 parts powder & 1 part liquid) in a clean container slowly while stirring with a mechanical mixer to obtain a smooth and homogenous slurry.

Application

Apply the slurry of MagicShield – BathPRO Advanced by brush or roller over surface on perpendicular direction for better results. Allow first coat to dry and then apply the second coat.

After the surface is cured, conduct a ponding test by filling water for 48 hours to ensure leak free surface.

Ensure that tile is completely bedded in the adhesive.

Cleaning:

Clean the tools and equipment with water after use immediately, only hardened material can be removed mechanically.

