

Tigonis

Tigoguard 2K Acrylic Waterproofing Coating



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Tigonis Tigoguard 2K Acrylic Waterproofing Coating is an acrylic cementitious, polymer modified elastomeric, waterproofing & protective coating. This is composed of best quality Portland cement, properly selected & graded aggregates, additives & acrylic emulsion polymer as a binder. It is applied to waterproof and protect concrete and masonry substrates. When the acrylic-modified emulsion is applied according to direction, the cured coating becomes a tough, flexible and seamless waterproof membrane and acts as an excellent water barrier to Concrete and Masonry Surface.



Bathroom



Kitchen Sink



Terrace



Water Tank

Application Areas

- Waterproof coating for bathrooms, kitchen sinks, balconies, etc.
- Excellent as a coating for waterproofing of chhajjas, canopies, etc.
- Good for waterproof coating on internal sides of domestic water tanks.
- Waterproofing of sloped roofs.
- Waterproof coating for terraces areas (100 – 150 sqm)

Features & Benefits

- ➔ Easy to apply by brush
- ➔ Flexible and bridges cracks in concrete surfaces.
- ➔ Elastomeric flexible coating
- ➔ Provides a waterproof surface & eliminate water leakage.
- ➔ UV Resistance
- ➔ Non-Toxic



BENGAL BUILDING SOLUTIONS PVT. LTD.

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Method of application (For Waterproofing)

Surface Preparation

- Surface must be clean and dry to ensure adequate adhesion.
- Surface must free from oil, grease, dust, loose particles and other foreign material.
- Cracks and voids must be filled.
- Any defects on surface should be repaired prior to application of membrane.

Mixing

- Shake the liquid well before mixing.
- Add the powder into the liquid portion and mix it slowly with slow speed mechanical stirrer.
- Continue to stir thoroughly to achieve lump free homogenous slurry.
- Allow the mixture to stand for 5-10 mins to release the trapped air

Application

- All the pipes or sanitary fittings should have been fitted properly and it is mandatory that all works of plumbing and sanitation must be complete before taking up application of waterproof emulsion.
- The surface of application must be pre-wetted thoroughly with water & brought to a touch dry state.
- Apply the 1st coat of mixed material using brush over the prepared surface.
- The first coat must be well applied into the undulations of the surface.
- When 1st coat is dry in 4- 6 hrs, apply the 2nd coat.
- Sprinkle liberally coarse quartz sand while second coat is still wet to provide key for subsequent plaster or tile application.
- It is mandatory to protect the coating by overlaying mortar or plaster or tile.
- Leave the coating without water curing for 2 days at least.
- If the membrane is applied in areas exposed to foot traffic, it must be protected with a screed overlaid, during the application itself.



Health & Safety

- ➔ Use rubber hand gloves & safety goggles at the time of application
- ➔ In case of contact with skin, wash with plenty of water.
- ➔ Keep out of reach of children



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Precautions & Limitations

- ➔ Easy to apply by brush
- ➔ UV Resistance
- ➔ Excellent adhesion to concrete and masonry substrates
- ➔ Provides a waterproof surface & eliminate water leakage.
- ➔ Economic and high durability
- ➔ Non Toxic

Technical Specification

Appearance	Part A - White Liquid Part B - Grey Powder
Wet density of the mix	1.65-1.70 gm/ml
pH of the mi-	10-12
Pot Life of the Mix	90 Min
Elongation at break at DFT of 1mm	40%-50%
Water permeability	No leakage after 24 hrs
Chemical Resistance	Resist mild acid and alkali
Permeability Test	Passes
Mixing Ratio	Part A (White Liquid): Part B (Grey Powder) = 1:4
Coverage	Approximately 6-8 sqft / kg at 1 mm thickness in 2 coats, depending on the level of the substrate.
Packing	15kg (2 part: Liquid 3kg, Powder 12kg) & 25 Kg (2 part : Liquid 5 Kg , Powder 20 Kg)
Shelf Life	Best before 12 months from the date manufacture when in sealed pack and stored under proper condition.

