

Maxx Aquaflex 2K

High performance elastomeric cementitious two component waterproof coating

DESCRIPTION

Maxx Aquaflex 2K is a polymer modified elastomeric , cementitious acrylic water proofing system & protective coating composed of best quality blended cement, properly selected & graded aggregates, additives & acrylic emulsion polymer as a binder.

Uses

- RCC terrace waterproofing.
- Coating on bridge girders and under deck waterproofing of bridges.
- Sealing cracks in asbestos cement sheets.
- Coating on leaky plaster surfaces.
- Waterproofing of Podium, sunken slab, balcony .
- Excellent as a waterproof coating for retaining structure like STP, swimming pool, water parks bathrooms, kitchen sinks, balconies, etc.
- To waterproof water tanks and swimming pools.

FEATURES & BENEFITS

- Excellent resistance to ingress of water
- Excellent adhesion to concrete and masonry surfaces
- Being acrylic based Maxx Aquaflex 2k has strong adhesion and corrosion inhibition properties.
- Safe for Water Tanks containing potable water.
- Good crack bridging capabilities.
- It is easy to use. Just mix the premeasured packed liquid and powder components of Maxx Aquaflex 2k and brush apply.

METHOD OF APPLICATION

- The surface of application must be thoroughly prepared by mechanical means, to remove all loose particles, laitance, etc.
- Mix the powder and liquid ingredients of the product thoroughly to form smooth consistency slurry. Avoid part mixing of the ingredients of packing.

- Substrate should be thoroughly pre-wetted with water to a saturated surface dry condition before the first coat of Maxx Aquaflex 2k is applied. The second coat can be applied after 4 to 5 hours, i.e. after the first coat has dried.
- Complete the application and leave to air cure for 2 days. A moist hessian cloth can be kept over the coated surface to protect it from the effect of direct sunlight, in case of bathrooms and internal areas. Leave the coating without water curing for 2 days at least.
- In new bathrooms, typically, Maxx Aquaflex 2K must be applied all over the sunken slab portion and upwards over the masonry walls up to a height of 6-7 feet, i.e. Over the splash zone of shower, etc. to ensure complete waterproofing.
- When the coating for internal walls of water tanks, after second coat sprinkle coarse sand on wet coating to facilitate plastering.

PRECAUTION & LIMITATION

- Do not part mix the entire quantity of both the components at one go.
- Do not dilute.
- Always add powder to liquid to avoid lump formation.
- Do not cure by flooding with water.
- Cure the membrane with moist hessian cloths.
- Pond test for water tightness shall be carried out only after seven days of complete and proper curing.

Limitations and precautions :

- Consume the material within 60 minutes of mixing of material.
- Do not add excess water to extend pot life of material in any case. Do not ever add any foreign materials.

Technical Information

Properties	Result
Nature and Type	2 component (1 part liquid & 2 part powder)
Colour	Powder – Grey Liquid – White Colour
Toxicity	Non Toxic
Pot Life of the Mix	60 min
Time between recoat	4 to 5 hrs
Mixing time	2-3 min with mechanical mixer
Elongation at break at DFT of 1 mm	80%
Tensile strength 28 days	0.4 N/mm ²
Pull out adhesion strength	

28 days

1.5 N/mm²

COVERAGE

Approximately 1-1.5 m² / kg at 1 mm thickness in 2 coats, depending on the porosity & level of the substrate.

PACKING

Maxx Aquaflex 2k is available in 30 kg pack (Powder + Liquid).

SHELF LIFE

Maxx Aquaflex 2 K has a shelf life of 12 months from the date of manufacture. Maxx Aquaflex 2 K should be stored in a cool and dry condition away from moisture and direct sunlight.

HEALTH & SAFETY

- During application wear protective clothing, gloves and eye goggles during application. Avoid product to contact eyes and skin.
- Skin Contact: Wash immediately with plenty of clean water , use disel or mineral turpentine when the product is dried.
- Eye contact: In the event of eye contact splash plenty of clean water immediately and seek medical advice.

