

K2 BRUSHGARD

Polymer Modified Cementitious Waterproof Coating



Description:

BRUSHGARD is a Prepacked two component Cementitious and acrylic polymer that provides durable & flexible waterproofing coating. It is applied to waterproof and protect concrete and similar structures.

Area of Application:

- New and old concrete structures that are structurally sound and strong.
- Basement retaining walls.
- Concrete roof slabs, floors, balcony, bathrooms and kitchen, Lift pit.
- Water tanks and swimming pools, reservoir, Bridge decks, Canals and dam walls
- Suitable for steam room waterproofing.

- Sewage treatment plants.

Benefits:

- Provides a flexible & low permeable coating.
- Excellent resistance to ingress of water.
- Provides slip resistant coating.
- Waterproof for concrete structures.
- Excellent adhesion to concrete, natural and artificial stone.
- Excellent resistance to chloride ion diffusion and carbon dioxide.
- Resistance to freeze-thaw cycles and de-icing salts.
- Prevents carbonation of cement concrete.
- Potable Water Safe: - CFTRI certified for water tank.

Technical Properties:

Properties	Results
Consistency	Brush able Consistency
Color	Grey / White
Pot Life @ 25 °C	40 Min
@ 35 °C	20 Min
Adhesion to concrete	1.5 N/mm ²
Application Temperature	10 °C to 40 °C
Toxicity	Non Toxic

Application Instruction:

SURFACE PREPARATION

- The surface must be strong, sound & free from any laitance.
- Thoroughly wire brush the surface and clean the dust by air compressor or wash the surface with water.
- Oil & grease must be removed using degreasing solvents or K2 MULTICLEAN.
- Repair the cracks up to 5 mm by K2 KRACKSEAL & above 5 mm cracks using polymer modified mortar using K2 BOND SBR.

MIXING PROCESS

- Shake well the liquid component & transfer into a suitable clean mixing vessel.
- Gradually start addition of the Powder component under constant mixing for 3- 5 minutes to have a homogeneous & uniform free flowing slurry.

APPLICATION

- Surface should be in SSD condition.
- Apply slurry coat of mixed material in two coats.
- First coat should be allowed to air dry for 5-6 hours. Apply second coat at Right Angle to first coat & allow it to air dry for 2 to 6 hrs. Moist curing should be done in the next 24 hours.

Coverage:

65 to 75 sq.ft for 2 coats @ 1mm thickness.

Packing:

BRUSHGARD is available in Below Packs.

- 3 kg (2 Kg Powder + 1 Kg Liquid)
- 15 kg pack (10 kg Powder + 5 Kg Liquid).

Important Note:

KONKEM Industries Private Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst KONKEM Industries Ltd endeavors to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it or its applicators.

Shelf Life and Storage:

BRUSHGARD has a shelf life of 12 Months in unopened packs, if kept in a dry state.

Health & safety:

BRUSHGARD is not hazardous. It should not be swallowed or allowed to come into contact with the skin and eyes. Protective gloves, Nose mask and goggles should be worn. Contact with the skin for long tenure should be avoided. In case of contact with the eyes, it should be rinsed immediately with plenty of water and sought medical advice immediately.

FIRE

BRUSHGARD is nonflammable.

Technical Support:

The company provides a technical service supported by the team of specialist applicators in the industry.