

WATERBLAZER 102

A Dual Component Cementitious Waterproofing Coating

Product Description:

WATERBLAZER 102 is a dual component specialty application with Polymer-modified Mineral sealing slurries which prevent the passage of water under hydrostatic pressure. These special slurries make a building component totally resistant to the passage of water. It is two component mineral based polymers modified flexible, elastic waterproofing systems that only require mixing together and dosage errors can virtually be excluded.



Application Areas:

- | | |
|------------------|-------------------------------|
| ⊙ Basements | ⊙ Raft |
| ⊙ Roof slabs | ⊙ Such as parking decks |
| ⊙ Podium slabs | ⊙ Roof decks |
| ⊙ Kitchen | ⊙ Laundry and Bathroom floors |
| ⊙ Retaining Wall | |

Benefits:

- ⊙ Easy to apply by towel or hard brush.
- ⊙ Forms tough & elastic membrane.
- ⊙ Wear & tear resistance-hence suitable for pedestrian traffic.
- ⊙ Breathable - allows substrate to breathe.
- ⊙ Resistant to carbon dioxide and chloride ion diffusion.
- ⊙ Forms an anti carbonation coating.
- ⊙ Self curing type does not require external curing with water.

Typical Properties (Technical Characteristics)

Type	2 component (Part-1 Powder, Part-2 Liquid)
Powder Liquid Ratio (Powder : Liquid)	2:1
Water absorption	< 4%
Tensile strength	3.0N/mm ²
Bonding strength with concrete at 7 days	2.0N/mm ²
% Elongation	40-80%
Crack Bridging	1-3 mm
Type	2 component (Part-1 Powder, Part-2 Liquid)
Powder Liquid Ratio (Powder : Liquid)	2:1
Water absorption	< 4%
Tensile strength	3.0N/mm ²

Direction for use:

Surface Preparation: The surface must be strong & free from dirt, dust & loose particles. Thoroughly wire brush the surface & clean the dust by air. All floor / wall joints/cracks should be covered with suitable material before treating the areas.

Mixing : Shake well the liquid component to a homogenous milky color. Transfer entire quantity of liquid component into a suitable clean mixing vessel, gradually start addition of powder component under constant mixing with a stirrer using a pneumatic or electric power tool (1kw) at slow speed at 250 – 300 rpm for 3- 5 minutes to a homogeneous & uniform free flowing slurry.

Application process: After proper surface preparation apply 2 coats of WATERBLAZER 102 mixed slurry in perpendicular directions. Apply minimum 2 coats with a thickness of 0.75mm per coat. Leave it to dry for 24 hours. In case of swimming pool, water tanks, leave it for minimum 72 hours before filling it with water as well as mock up or ponding tests on site.

For better spread, damp the surface before applying WATERBLAZER 102 but there should not be standing water on the surface.

Cleaning:

Tools and equipment to be cleaned with water immediately after the use.

Coverage:

Coverage depends on Nature of surface. For normal applications (Sunk & wet areas) 1kg mix/m² in 2 coats is recommended. For water retaining Structure 1.5-2.0 kg mix/m² is recommended.

Precautions:

Do not dilute with water or any other material.

Packaging

WATERBLAZER 102 is available in 3kg kit, 15kg kit & 30 kg kit.

Storage & self life:

Shelf life is 12 months in unopened container. Store away from sunlight and preferably below 30°C.

WEATHERBLAZER INDIA PVT. LTD.

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