

WATERBLAZER 102 ULTRA

A Dual Component Flexible & Elastic Waterproofing System



Product Description:

WATERBLAZER 102 ULTRA is a dual component specialty application with highly flexible 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. The polymer binder additives offer several positive effects and its resilient property makes it suitable to take care of linear movements of the concrete substrate due to expansion and contraction.

Application Areas:

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|  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.
- Excellent bonding to porous and non – porous substrate.
- Forms tough & elastic membrane of approximately upto 1.0 mm thickness.
- 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.
- Nontoxic, suitable for contact with potable water.
- Resists hydrostatic pressure of water up to 7 bars
- UV and weather resistant.

Typical Properties (Technical Characteristics)

Appearance and colour :	Part I – Whitish grey powder. Part II - Syrupy white milky liquid.
Mixing ratio :	Part I : Part II , 1 : 2 parts by weight.
PH value of the mix :	7 – 8
Viscosity of the mix :	Free flowing paste.
Surface dry time at 30°C :	1 - 2 hour of open air.
Hard dry time at 30°C :	Within 24 hours in open air.
Complete curing time at 30°C :	3 days.
Elongation :	200 %
Crack Bridging capacity	Up to 2mm.
Service temperature Range	Not affected by cold and frost, resists high temperature up to 80°C.

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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