

WATERBLAZER 102

A Dual Component Flexible & Elastic Waterproof System

WATERBLAZER 102 is a dual component specialty application with 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. It is two component mineral based polymers modified flexible, elastic waterproofing systems that only require mixing together and dosage errors can virtually be excluded. The slurries are then applied with a brush or trowel. The polymer binder additives offer several positive effects. The flexible material cures without cracking. It's resilient property makes it suitable to take care of linear movements of the concrete substrate due to expansion and contraction. It is suitable for water proofing of large surface area like horizontal and sloppy roof terraces and the bonding strength is improved to such an extent that the slurry can even be applied to wood, metal and plastics.

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.

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APPLICATION:

- All floor / wall joints/cracks should be covered with suitable material before treating the areas
- All surfaces are cleaned, sound and free from oil, grease, paint, bitumen or other surface contaminants
- Mixed material is applied by hard brush or trowel to get uniform layer build up. Two coats application is sufficient that gives approximately 1.0 mm thickness.

Technical Properties

Appearance and colour :	Part I – Crystalline 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.