

DATASHEET

WATERGUARD A+

TWO COMPONENT, ACRYLIC CEMENTITIOUS WATERPROOFING COATING

BENEFITS

- > Prepacked easy to use water proofing coating
- > Ensures excellent water proofing characteristics
- > Excellent adhesion
- > Flexible enough to bridge hairline cracks
- > Allows surfaces to breath
- > Economical and cost effective water proofing system
- > Minimum surface preparation needed
- > Non-toxic & approved for potable water contact
- > Good resistance to CO₂ & Chloride ion diffusion
- > Ease of application – brush applied

WATERGUARD A is prepacked two component acrylic modified cementitious waterproofing coating for concrete & masonry that can be applied on well prepared sound substrates to provide extremely tough and durable waterproofing coating of 1.5–2 mm when applies with glass fiber sheet (WATERGUARD GRS).

WATERGUARD A must be used in conjunction with WATERGUARD T or WATERGUARD WM(F) where water under hydrostatic pressure exists.

STANDARD COMPLIANCE

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WATERGUARD A complies to BS 6920 (Section 4.2.8 immersion test ASTM C 307).

USES

WATERGUARD A is used to all structures that are required to be waterproofed and protected against the ingress of moisture like:

Basements-Water tanks-Swimming Pools-Retaining Walls-Bridge Walls-Roof,
Terrace & balconies-Lift Shafts-Reservoirs-Dams-Dock gates

WATERGUARD A provides a tough and durable coating and it cannot be easily damaged or worn out.

PROPERTIES

Physical appearance:

Liquid: white

Powder: grey

Mixture: cement grey

Mixed density:

Pot life: 40 min @ 25°C 20 min @ 35°C

Application temperature: 10°C to 40°C

Toxicity: Non-toxic

Adhesion strength: >1N/mm²

Tensile strength: >5.0 N/mm² after 14 days (as per ASTM D 2370)

Elongation at break: 8–10%

(With 2 coats of WATERGUARD A + WATERGUARD GRS)

APPLICATION:

Surface Preparation:

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All leaks and water jets must be stopped using FAIRMATE WATERPLUG plugging compound. (Refer relevant Data Sheet). Substrate must be sound, clean and free from loose particles or laitance contamination and preferably be wire brushed. Cracks if present shall be sealed/repaired with CRACKSEAL. Stirring should be done during application.

Mixing:

WATERGUARD A should preferably be mixed mechanically by using an electrical drill with paddle attachment. Pour the liquid polymer in the container first and add powder slowly while mixing continuously until an even homogeneous mix is obtained.

Application:

The prepared surface must be thoroughly wetted with water for absorption and excess water to be removed. WATERGUARD A must be applied in 2–3 uniform coats. Mixed WATERGUARD A will remain brushable for 20 minutes @ 35°C. Apply second or subsequent coats after previous coat has dried. Mixing in small quantities is recommended. For moderate & heavy load areas minimum 2mm thickness coating is recommended.

Cleaning:

All tools must be cleaned with water immediately after use. Hardened material should be removed mechanically.

Curing:

After application it is essential to cure WATERGUARD A applied surface for minimum of 3–5 days for full cure and minimize cracking.

PACKING & COVERAGE

Packing	Coverage
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18kg powder + 10 Ltr. liquid	16.5m ² to 25m ²
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9kg powder + 5 Ltr. liquid 8.25m² to 12.5m²

0.81kg powder + 0.45 Ltr. liquid 0.75m² to 1.15m²

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