

Approved for Issue - 1 July 2008

AquaeGUARD™

This thin & light waterproof material protects substrates from water damage below floor & wall tiles. A UNIVERSAL membrane suitable for use on both floors & walls alike, it is set into tile adhesive, building a superior waterproof barrier. The speed & simplicity in use ensures that AquaeGUARD™ reduces project times, improves security & is ideal for all competent D.I.Y.'ers & professional installers alike.

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PRODUCT CHARACTERISTICS

Used below all tiles applications, AquaeGUARD™ creates a waterproof barrier protecting substrates from water damage. Made from a Polyethylene membrane sandwiched between 2x outer layers of non-woven Polypropylene, AquaeGUARD™ is available in 30m rolls, as well as pre-formed accessories such as Jointing Tape, Pre-Fabricated Corners & Gaskets.

- AquaeGUARD™ is a UNIVERSAL Water & Moisture Barrier, suitable for all WALL & FLOOR applications.
- Joints between adjoining materials & awkward shapes are bridged with Jointing Tape & pre-formed accessories
- Matches all tile adhesives AquaeGUARD™ completely seals & waterproofs against water & moisture penetration
- Tiles can be fitted immediately, improving project installation time, because there are no waiting or drying times
- A very thin membrane, with uniform thickness & no weak points, AquaeGUARD™ is buried within tile adhesive.
- Can be used in all internal or external sealing projects, with materials such as under tiles or sheet stone slabs
- Very easy & quick to use, with few tools & limited skill or knowledge of waterproofing
- Manufacturers Warranty : ISO 9001 : 2000 Quality Management System
- Colour : Blue or Yellow

NOTE – This product is unsuitable for standing water, or storage of water under pressure

APPLICATIONS

- Damp or Waterprone Areas, Wet Room, & all bathrooms with a higher risk of water ingress
- AquaeGUARD™ LUX is suitable for Internal or External Refurbishments & New Build projects.
- Bonds with tile adhesive, to dry & structurally sound load bearing substrates like block, wood, concrete & cement
- All Standard floor & wall structures

TECHNICAL DATA

- Width : 1000 mm
- Length : 30m as standard
- Thickness : 0.4 mm approx.
- Weight : 290 g /m²
- Approvals : ETAG 022 (European Guideline)for Wet Rooms Floors / Walls

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PHYSICAL VALUES

- Burst Pressure : 1.5 Bar
- Temperature Stability : -30° C > +90° C
- Lateral elongation at break point : 120%
- Lateral breaking load : 45N / 15mm
- Longitudinal elongation at break point : 80%
- Longitudinal breaking load : 89N / 15mm
- Adhesive Strength : > 0.5 N / mm
- Equilient Air Layer : > 80m

CHEMICAL STABILITY

Burst Pressure required after 7 days within the following chemical environment at room temperature

- 3% hydrochloric acid : 1.5 Bar
- 35% sulphuric acid : 1.5 Bar
- 100 gms/ ltr citric acid : 1.5 Bar
- 5% lactic acid : 1.5 Bar
- 30g/l Potassium Hydroxide : 1.5 Bar
- 0.3 gms/ltr sodium hypochloride : 1.5 Bar
- Sea Water 20 gms / ltr Sea Salt : 1.5 bar

MATERIAL

- 3x Ply consisting Polyethylene membrane between 2x outer layers of non-woven Polypropylene

DISPOSAL

- Packaging : According to local bylaws.

INSTALLATION INSTRUCTIONS

- Available on Request

PACKAGING

- Single Rolls : Wrapped, Loose
- Bulk Rolls : Pallet 30x, Wrapped, Loose
- Single Accessories : Loose
- Bulk Accessories : Loose in Boxes of 25x or 50x

| <i>Range</i> | <i>Size</i> | <i>ART No.</i> |
|--------------|--|----------------|
| AquaeGUARD™ | UNIVERSAL Water & Moisture Barrier – 30m Roll | 007.00081 |
| AquaeGUARD™ | UNIVERSAL Barrier Jointing Tape, 120mm Wide – 20m Roll | 007.00082 |
| AquaeGUARD™ | UNIVERSAL Barrier Jointing Tape – INTERNAL Corner | 007.00083 |
| AquaeGUARD™ | UNIVERSAL Barrier Jointing Tape - EXTERNAL Corner | 007.00084 |
| AquaeGUARD™ | UNIVERSAL Barrier Jointing Tape - Collar | 007.00085 |
| AquaeGUARD™ | UNIVERSAL Barrier Jointing Tape - Gasket | 007.00086 |

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