

Issued - 27 June 2011

### AquaeGUARD<sup>™</sup>

This thin & light waterproof material protects substrates from water damage below tiles. A **UNIVERSAL** membrane suitable for use on both floors & walls alike, it is set into tile adhesive, building a superior waterproof barrier. AquaeGUARD<sup>™</sup> reduces project times due to its speed & simplicity in use, ensuring it is ideal for competent D.I.Y.'ers & professional installers alike.

E&OE



### PRODUCT CHARACTERISTICS

Used below all tiles applications, AquaeGUARD<sup>™</sup> creates a waterproof barrier protecting substrates from water damage. This 3ply membrane is made from Polyethylene sheet sandwiched between 2x outer layers of non-woven Polypropylene. AquaeGUARD<sup>™</sup> is available in 5m, 10m, & 30m rolls, as well as pre-formed accessories such as Jointing Tape, Pre-Fabricated Corners & Gaskets.

- AquaeGUARD<sup>™</sup> 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
- Suits all tile adhesives, AquaeGUARD<sup>™</sup> completely seals & waterproofs against water & moisture penetration
- Tiles can be fitted immediately, improving project installation time, as there are no waiting or drying times
- A very thin membrane, with uniform thickness & no weak points, AquaeGUARD<sup>™</sup> is buried within tile adhesive.
- Can be used in all internal 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 : Yellow
- Project Size Kits : 5 m<sup>2</sup> & 10 m<sup>2</sup>, with accessories

NOTE – This product should not be used 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<sup>™</sup> 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

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**TECHNICAL DATA**

- Width : 1000 mm
- Length : 5m, 10m & 30m as standard
- Thickness : 0.4 mm approx.
- Weight : 290 g /m<sup>2</sup>
- Approvals : ETAG 022 (European Guideline)for Wet Room Floors / Walls

**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
- Equivalent 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 : by the Pallet, Wrapped, Loose
- Single Accessories : Loose
- Bulk Accessories : Loose in Boxes

<i>Range</i>	<i>Size</i>	<i>ART No.</i>
AquaeGUARD™	5m, UNIVERSAL Water & Moisture Barrier – 5m Roll	007.00500
AquaeGUARD™	10m, UNIVERSAL Water & Moisture Barrier – 10m Roll	007.00501
AquaeGUARD™	30m, UNIVERSAL Water & Moisture Barrier – 30m Roll	007.00502
AquaeGUARD™	Floor Gasket UNIVERSAL Barrier – 425 x 425	007.00505
AquaeGUARD™	3 Way INTERNAL Corner UNIVERSAL Barrier Jointing Tape	007.00506
AquaeGUARD™	3 Way EXTERNAL Corner UNIVERSAL Barrier Jointing Tape	007.00507
AquaeGUARD™	10m JT UNIVERSAL Barrier Jointing Tape, 120mm Wide – 10m Roll	007.00508
AquaeGUARD™	15m JT UNIVERSAL Barrier Jointing Tape, 120mm Wide – 15m Roll	007.00509
AquaeGUARD™	50m JT UNIVERSAL Barrier Jointing Tape, 120mm Wide – 50m Roll	007.00510
AquaeGUARD™	FLEXI Collar UNIVERSAL Barrier Joint Accessory – 150 x 150mm	007.00511
AquaeGUARD™	PIPE Collar UNIVERSAL Barrier Joint Accessory – 125 x 125mm	007.00512
AquaeGUARD™	PLUS Accessory KIT – Pipe Collar, Floor Gasket, Internal Corner	007.00513
AquaeGUARD™	05/10 Kit, UNIVERSAL Barrier 5m, 10m Joint Tape, 3 Way Internal Corner	007.00514
AquaeGUARD™	10/15 Kit, UNIVERSAL Barrier 10m, 15m Joint Tape, 3 Way Internal Corner	007.00515

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