

# AQUAPHOBIC



## DESCRIPTION

**AQUAPHOBIC** is a water-repellent damp-proofing agent based on oligomeric alkylalkoxysiloxanes used in an emulsifiable form. **AQUAPHOBIC** is diluted with clean tap water to form an opalescent micro-emulsion, which is used for facade or injection application of porous mineral building materials to repel surface water rising and/or dampness in a substrate. The **AQUAPHOBIC** treatment allows substrates to continue to breathe after application of the **AQUAPHOBIC** dilution.

## APPLICATIONS

**AQUAPHOBIC** is used in its diluted form as a surface water repellent to treat absorbent building materials such as cement render (float), gypsum plaster, concrete, clay bricks, sand, lime bricks, concrete blocks, natural stone (for example, granite or fine sandstone) and painted surfaces. **AQUAPHOBIC**, when diluted, can be injected into any of the substrates mentioned above to control rising damp.

## FEATURES

- **AQUAPHOBIC** is used by diluting with water and mixing. The resultant dilution is ready to be applied to the substrate.
- **AQUAPHOBIC** is readily miscible (dilutable) with water. It is only necessary to use clean tap water for dilution and hand mixing with a flat stick.
- **AQUAPHOBIC** is long lasting if applied correctly and diluted to the recommended dilution ratio for the substrate.

## PREPARATION

All surfaces to which **AQUAPHOBIC** is to be applied should be free of efflorescence, bore stains, dust, tyre marks, oils (mineral or vegetable), grease, loose material (for example builder's rubble), paint or coatings of any type, mould, bitumen, adhesives or other silicone materials. Surfaces should also be as dry as possible before application of **AQUAPHOBIC**.

## DIRECTIONS

**AQUAPHOBIC** should be diluted 9 times with clean, fresh water (1 litre of **AQUAPHOBIC** mixed with 9 litres of water). Mix the dilution with a flat-sided stick with a strong motion for 2-3 minutes.

**NOTE:** Once diluted, **AQUAPHOBIC** should be used within 12 hours.

## WALLS

Apply two coats of diluted **AQUAPHOBIC** at a rate of approximately 3-4m<sup>2</sup>/litre/coat to a dry wall. Apply the two coats 2-4 hours apart at 25°C. For highly porous substrates, 3 applications are required.

## DIRECTIONS FOR A USED SHOWER

- Wear rubber gloves, have eye protection and light protective clothing. Have windows open and a fan on.
- Clean the grout and tiles with a cleaning product such as JIF or other scouring liquid with the aid of a brush. The grout should be made free of verdigris, mould, algae, fungi, soap and scum. Dry off the grout with a dry rag.
- Dilute 100ml of **AQUAPHOBIC** with 400ml of water and brush the diluted **AQUAPHOBIC** along the grout lines and tiles, focusing on grout lines. There will be overruns onto the tiles of the **AQUAPHOBIC** dilution. As the application progresses, use a water dampened clean rag, rung out, to remove excess water and wipe the runs over the tile face as proceeding. When the wet application of the **AQUAPHOBIC** dilution is completed, remove any excess solution from the base of the shower and the grout lines with a rung-out water dampened cloth. Allow the treatment to dry out for about six hours and repeat the application again.

The next day, the shower is ready for general use after this treatment.

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IDENTIFICATION  
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**NOTE:** In most cases, one application of **AQUAPHOBIC** dilution is sufficient. It depends on the quality and amount of the grout in the joint. Deteriorated grout needs two applications.

**NOTE:** The wisest precaution is to regrout and treat the new grout with **AQUAPHOBIC** as directed above. One treatment is sufficient in this case.

**NOTE:** The treatment may slightly darken lightly colored grouts. Test before use if this is of concern.

**NOTE:** It is recommended a small test area of grout and tiles are treated beforehand to check effectiveness and to familiarize yourself with the system.

## HANDLING

It is recommended to wear protective goggles, gloves and clothing when using **AQUAPHOBIC**. Shrubs, plants and any painted substrates or glass near the area being treated should be covered to prevent them from any contact that may inadvertently occur. **AQUAPHOBIC** reacts with glass causing a permanent stain after setting.

## CAUTION

Keep **AQUAPHOBIC** away from glass as it will damage and deface plate glass because it is a silicate material.

**AQUAPHOBIC** is not suitable for open coarse textured substrates like Western Australian limestone.

**AQUAPHOBIC** when diluted should be used within 12 hours.

Do not apply **AQUAPHOBIC** to substrates that will encounter rain or inclement weather with 48-72 hours.

## PACK SIZES

**AQUAPHOBIC** is sold in packs of 100ml and 1, 5 and 20 litres.

## CLEAN UP

Clean up with water when **AQUAPHOBIC** is wet. When the **AQUAPHOBIC** has dried, use mineral turpentine in its initial stage.

## STORAGE

Store **AQUAPHOBIC** in sealed containers under cover in a cool area away from foodstuffs.

## TRANSPORT

FLAMMABLE LIQUID n.o.s.: CLASS 3.2:  
SUBCLASS NIL: U. N. No. 1993: Packaging Group III: HAZCHEM 2[S]. IEPG. No. 14.

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