

# BPI Aquaban Professional Water Repellent Treatment

## Prevent Water Penetration In Buildings

### Technical Data Sheet

#### PROFESSIONAL RANGE



#### DESCRIPTION

Aquaban is an effective water repellent, formulated from solvent free silicone/siloxane emulsion primarily used to prevent water penetration in buildings through the exterior structure, but can be applied to a multitude of substrates. Surfaces treated remain vapour permeable, which ensures moisture does not remain trapped in the structure, which could cause issues in future.

#### TYPICAL USES

- Can be applied above and below-ground
- To prevent water penetration in a structure
- Can be applied to a wide range of surfaces (substrates shown below)



#### ADVANTAGES

- ✓ EASY APPLICATION BY BRUSH, ROLLER OR LOW PRESSURE SPRAY
- ✓ BECOMES EFFECTIVE IMMEDIATELY AFTER DRYING PERIOD (APPROX. 3 HOURS)
- ✓ WILL SHED WATERBORNE DIRT AND SURFACE CONTAMINATION
- ✓ CAN BE OVERCOATED WITH DECORATIVE PAINTS AFTER A THOROUGH DRYING PERIOD
- ✓ EFFECTIVE FOR AT LEAST 10 YEARS
- ✓ IMPROVES INSULATION OF A STRUCTURE
- ✓ CAN BE APPLIED TO DAMP SURFACES
- ✓ ALLOWS SURFACES TO BREATHE
- ✓ COLOURLESS AND NON-STAINING
- ✓ CONFORMS WITH BS 6477:1992

#### SUBSTRATE PREPARATION

Substrates should be prepared by cleaning to remove all surface contaminants, including fungal/mould growths.

This can be achieved using our surface biocide (please see separate data sheet). Structural defects, particularly mortar joints, repointing or rendering, must be made good and allowed to cure for at least 1 month before treatment.

PLEASE NOTE: Aquaban will not prevent ingress of water through cracks of defective joints.

If sandblasting/microblasting is carried out, ensure that the surface is hosed down with water extremely thoroughly. Repeat twice and allow to dry. This ensures the pores within the substrate are not blocked with dust or residue, which may affect the application and effectiveness of Aquaban.

Some dampness to substrates is not problematic, and will not affect the application of Aquaban, but saturated walls should be allowed to dry for a period. It is recommended that Aquaban is applied before severe weather conditions, such as continuous rain and frost, set in.

Protect and cover all surfaces liable to be splashed during treatment, especially glass window panes, UPVC window frames and decorative coatings.

## APPLICATION

Using a brush, lambswool roller or low pressure pneumatic spray equipment, liberally apply one coat of undiluted Aquaban.

For highly porous substrates, such as untreated stone or brick, the second coat can be applied shortly after.

For less porous substrates allow for 2 hours drying time before applying the second coat.

In exceptional circumstances a further coat may be necessary.

## APPLICATION CONDITIONS AND LIMITATIONS

Where substrates are heavily contaminated with salts, there is an increased risk of spalling if surfaces are treated with water repellents. The application of Aquaban is not recommended under these circumstances. If doubt exists, advice should be sought from the Technical Department on 01670 707228.

Aquaban is NOT a dustproofing sealer or a damp-proofing membrane.

Aquaban is a clear and colourless solution and will not normally alter the appearance of treated surfaces. In some circumstances, however, very slight darkening may occur. Where appearance is critical, a small test area should be applied.

The treated masonry surface will not prevent the penetration of water pressures greater than approximately 1.4kg/cm<sup>2</sup> (20lbs per square inch).

Never apply to surfaces when frost is present.

## CURING

Approximately 3 to 4 hours drying time must be allowed.

## FINISHING

Overpainting with masonry paints may be performed after approximately 1 week, although this may be longer dependent on climatic conditions.

Any overspray should be removed using a silicone cleaner.

## COVERAGE

1 Litre covers 5 m<sup>2</sup> approx dependent on porosity of substrate and based on a 2 coat application

## SHELF LIFE

12 months when unopened, undamaged and stored correctly.

## HEALTH AND SAFETY

Please refer to the BPI Safety Data Sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's responsibility to determine suitability for use. If in doubt, contact our Technical Department for advice.

## SYSTEM COMPATIBILITY

Designed for use with BPI Waterproofing Systems.



## Product / Order Details

Code	Colour	Fill	Barcode
BPI.AQUA.5	Clear	5L	5061123140054
BPI.AQUA.25	Clear	25L	5061123140047

5L



25L



**Note:** The data presented in this leaflet is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.

## Part of the BPI Professional Range

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