

# A TECH PLUS

Waterproofing Solutions

## Aquaphobe W

### Masonry Water Repellent

#### Chemical Type

Aquaphobe W Sealer is a water-thinnable mixture of silane, siloxane and synthetic resins. It is used to impart both water repellency and oil repellency to inorganic substrates such as mineral construction materials. In this respect, it differs from conventional (mono-functional) water-repellents. The pores of the substrate remain open, the water vapor diffusion is hardly affected, if at all. Oil, grease, paint, etc. are easier to remove from surfaces that have been treated with Aquaphobe W Sealer.

#### Chemical Type

- Treatment of floors of natural or synthetic stone, or unglazed ceramic tiles for easy care.
- Treatment of window sills and table tops of natural or synthetic stone, or fibrous cement to avoid staining.
- Treatment of facades of natural or synthetic stone concrete or fibrous cement in order to allow easier removal of dirt, grease, graffiti, posters, etc, from monuments, exterior and interior walls.
- Water, oil and dirt repellent treatment of low-porosity natural stone, e.g. marble, travertine and granite.

#### Chemical Type

Aquaphobe W Sealer is supplied ready for use, but may also be diluted further with tap water solutions that have been stored for a long period are likely to show signs of Slight creaming and should be shaken up thoroughly before use. The surface to be treated should be air dry and absorbent. Apply the diluted solution liberally by brush or spray. The hydrophobic and oleophobic effects start to develop within 24 hours and are complete within 1 week.

Because of possible discoloration, it is advisable to carry out tests on a test area. This is also an opportunity for checking the product's efficacy.

Surfaces treated with Aquaphobe W Sealer should be cleaned at once after contaminations with oil, grease or paint because paint in particUlar is very difficult to dissolve once the binder has fully hardened. Surfaces that have been cleaned and dried might need re-treating with Aquaphobe W Sealer.

#### Chemical Type

Aquaphobe W Sealer has a shelf life of at least 9 months when stored between 0 °C and 30°C in the tightly closed original container. The 'Best use before end' date of each batch appears on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons. Aquaphobe W Sealer contains minor amounts of a preservative that protects the emulsion against microbial contamination and fungal attack. The quality of the water used may make it necessary to add a biocide after dilution; in principle, nearly any waterbased preservative may be used.

#### PRODUCT DATA

<b>Appearance</b>		<i>milky, white to yellowish</i>
<b>Silane/siloxane/polymer content, approx.</b>	<b>[wt%]</b>	<b>8.9</b>
<b>Density at 25°C, approx.</b>	<b>[g/cm<sup>3</sup>]</b>	<b>1.00</b>
<b>Flash point, approx.</b>	<b>[°C]</b>	<b>&gt; 100</b>
<b>pH, approx.</b>		<b>6</b>

*These figures are intended as a guide and should not be used in preparing specifications.*

#### Field Support

Field support where provided, does not constitute supervisory responsibility. Suggestions made by ATECH either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they and not ATECH are responsible for carrying out procedures appropriate to a specific application.

#### Customer Responsibility

The technical information and application advice given in this publication is based on the best information available at time of print. As the information herein is of a general nature, no assumption can be made as to the products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

#### Safety Precautions

These products may cause allergic reactions through skin contact, goggles, protective gloves and overalls must be worn. Ensure that there is adequate ventilation and avoid breathing the vapour.

#### Exclusion Clause

1. The information contained in this data sheet is based on many years experience and is correct to the best of our knowledge. ATECH will be under no liability whatsoever whether in:
  - a) Contract or tort (including, without limitation, negligence)
  - b) Breach of statute
  - c) Any other legal or equitable obligation other than the quality of the product at the time of despatch.
2. Any queries about specification use or application should be directed to our technical service department immediately.
3. This exclusion clause does not operate to exclude any warranty that by law may not be excluded.



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