

Aquagard Siloxane Water Repellent

DESCRIPTION OF PRODUCT

AQUAGARD SILOXANE WATER REPELLENT is a siloxane and silane blend and used as an extremely high quality general purpose water repellent for protection of masonry surfaces.

GENERAL PRODUCT INFORMATION

- Appearance: Colourless to hazy
- Solvent carrier: White Spirits
- Silane siloxane content: 6%
- Density: Approximately 0.9
- Flashpoint: Approximately 38° Centigrade
- Packaging: 1, 5 and 25 litre metal tins
- Storage: Shelf life is 12 months in sealed and unopened containers. Product should be stored out of direct sunlight with temperature range between 0 - 30° Celsius
- Cleaning of equipment: Mineral turpentine followed by warm soapy water

AREAS OF USE

Used for rendering water repellency to the following types of materials

- Brickwork
- Plaster
- All types of concrete
- Aerated concrete
- Mineral based natural and artificial stone
- Sand lime brick work
- Fibre cement board
- Mineral paints

PRODUCT FEATURES

- Excellent depth of penetration
- Quick and easy to application
- Proven track record of more than 50 years
- Expected lifespan minimum of 10 years
- Effective against wind driven rain
- Can be overcoated with conventional paints
- Substrates retain a high degree of water vapour permeability, due to lining of masonry pores and not blocking
- UV resistant
- Reduces dirt retention and damp patches after rain
- Helps prevent fungus growth
- High alkaline resistance

- Tack free drying
- Effective on damp substrates
- Fast water repellency
- Invisible when dry
- Used as a primer for exterior surfaces before painting

SURFACE PREPARATION

- Where fungus, mould or algae growth occurs, this to be cleaned off preferably with a high pressure water jet or a suitable biocide, scrub and rinse off.
- Holes and cracks in brickwork to be routed out and filled using a mortar mixture modified with Aquagard Mortabond latex additive.
- Surface coatings to be removed before application of the product.

APPLICATION INSTRUCTIONS

Aquagard Siloxane Water Repellent must be flooded onto the surface in order to ensure maximum absorption and penetration. This can be undertaken in one treatment if the following gravity feed method with a 6mm diameter clear plastic tube and approximately 6m long is used.

- Position the container higher than the point of application such is on top of the roof, parapet, ladder, scaffold etc.
- Weight the one end of the tube with a metal object tied onto it and small enough to fit into the container opening and drop it into the bottom of the drum.
- Tie the other end of the tube onto the end of a wooden broomstick ensuring that protrudes past the end of the stick by approximately 4 cm.
- Suck the end of the tube to start the siphon action. (Extreme care to be taken not to ingest any of the product)
- The flow of the Siloxane can be controlled by means of kinking of squeezing the tube.
- Start at the top of the wall and apply the Siloxane onto the substrate. A run down of approximately 200-300mm to be obtained before moving the pipe. This run down to be maintained. Move the pipe downwards by 100mm to extend the run down. This ensures a wet on wet application in one treatment.



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COVERAGE

Coverage is very much dependent on the porosity of the surface. A guide of the various substrates is as follows:

Concrete: 2,5 - 4 m² per litre

Plaster: 2 - 3m² per litre

Medium porous face brick: 1,5 - 2,5 m² per litre

Porous facebrick: 0,7 - 1,5m² per litre

LIMITATIONS AND PRECAUTIONS

- Not suitable for areas where water ponds eg dams, swimming pools
- Cannot be applied to painted surfaces
- Not suitable for treatment of gypsum plaster
- May enhance the colour of some substrates
- Care to be taken not to spill onto windows or aluminium as removal if left to cure is extremely difficult. These areas should be protected prior to application. In the event of spillage, wipe off immediately with mineral turpentine followed by warm soapy water
- Can only be applied to raw masonry surfaces. Not suitable to be applied over coatings

DISCLAIMER

Whilst Aquagard makes every effort to ensure that all information given is accurate, the use and application of our products is outside our direct or continuous control, therefore Aquagard cannot accept any direct or indirect liability arising from the use of our products. Aquagard is able to supply a manufacturers guarantee on request. Please contact the Aquagard consultant for further information.

HEALTH AND SAFETY

Please read the product label, technical data sheet and material safety data sheet before use. Do not ingest internally. Avoid contact with eyes. If solution does come into contact with eyes, flush immediately with water and refer to Doctor for medical attention. Avoid prolonged contact with skin or breathing in of mist or fumes. Wear a suitable face mask. Keep out of reach of children. Take due care and precaution when applying the product especially if working at heights.



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