O'Grady's PAINT

product data sheet

AQUAREPEL

PRODUCT DESCRIPTION
A solvent based silicone resin solution, designed to protect facades against damp. Aquarepel prevents rain & run off water penetrating walls & facades, whilst allowing them to breath.

PRODUCT FEATURES
- Repels water & allows wall to breath
- High penetrating ability on most masonry surfaces
- Excellent water penetration resistance
- Excellent alkali resistance
- Outstanding resistance to ageing
- Very slight change in substrate's natural porosity
- Quick drying
- Over coatable with most aqueous type paints
- Allows building to retain its natural appearance
- Non-toxic
- High flash point
- Excellent storage stability

TECHNICAL INFORMATION

Colour:	Colourless or slightly Yellow liquid
Appearance:	Slight or no change to natural material appearance (Test to determine the effect prior to application) The
Generic type:	Poly-siloxane
S.G.:	0.98
Viscosity:	15 – 18 seconds (Ford cup No 4)
Spreading rate:	0.5 - 2m²/litre (depending on substrate)
Recommended DFT:	20g/m²
Solvent:	Mineral Turpentine
Total solids:	15 - 18%
Mix ratio:	Single pack ready for use

SURFACE PREPARATION
This type of treatment is only intended for vertical or steeply sloping surfaces. The substrate must be clean, dry & free of loose, powdery & crumbling materials. Ideally high pressure water wash substrates & allow to dry for 3 days in dry conditions, prior to application of Aquarepel. If high pressure wash is not available, mechanically remove all powder & loose & crumbling materials with wire brush & abrasive paper, followed by a thorough water wash with a stiff bristle broom. Allow to dry for 3 days in dry conditions, prior to application of Aquarepel. New masonry must be allowed at least 21 days curing prior to application of Aquarepel. The use of acidic or alkaline chemical detergents & cationic surfactants, must be avoided at all times. Fill in all cracks greater than 1mm with a flexible crack filler prior to the application of Aquarepel.

APPLICATION
Use Aquarepel as supplied, do not dilute

Airless spray :	Use as supplied	
	Nozzle pressure:	100 – 120 bar
	Nozzle orifice:	0.015" – 0.017"
Conventional spray:	Suitable as supplied	
	Air pressure:	3 – 4 bar
	Nozzle orifice:	1.5 – 2mm

Brush & roller: Suitable as supplied. This method is only recommended for small areas, unless pressure fed with an airless pump.

Whatever method of application is used top apply Aquarepel, it must be applied until the surface is saturated. Saturated means that the product must run down at least 30 – 40 cm from point of application.1 Coat is normally enough; however, on very porous surfaces a 2nd coat is necessary as soon as the 1st coat has lost its glossy appearance.

The following consumption rates are given as a guideline only:

Asbestos cement	0.3 – 0.5m²/litre
Mortars & concrete	0.3 – 0.5m²/litre
Mineral textured paint	0.6 – 0.8m²/litre
Bricks	0.6 – 1.2m²/litre
Stone	0.2 – 2m²/litre

Water repellency of treated surfaces will not be optimum, unless sufficient quantity of Aquarepel has been applied. It is therefore recommended to do a test area prior to treating the substrate.

ENVIRONMENT
It is recommended that application be confined to the following:

Surface temperature:	Min. 15°C	Max. 45°C
Ambient temperature:	Min. 15°C	Max. 45°C
Relative humidity:	Min.0%	Max.85%

Or at least 3°C above Dew point

DRYING TIME
Approximately 2 hours at 25ºC. This will depend on the porosity of the substrate & the quantity applied.

OVERCOATING TIMES
As soon as the gloss has disappeared or anytime thereafter.

LIMITATIONS
Aquarepel should never be applied in inclement weather or within 24 hours after rain, even on a sunny day.

SAFETY PRECAUTIONS
Do not smoke during application. Always wear a respirator, safety glasses & PVC gloves when working with Aquarepel. Ensure good ventilation during application & drying.
KEEP OUT OF REACH OF CHILDREN

WARRANTY
Products are manufactured to stringent specification under laboratory controlled conditions. Application conditions are beyond our control. Warranty is restricted to replacement of material proven to be defective & excludes any direct, indirect or consequential loss of any nature howsoever caused.

Information Provided is based on Laboratory evaluations and data believed to be reliable.
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.
It is not to be considered a guarantee of the products properties.

For more information contact our Factories:
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