

# STORM REPEL



Storm Repel is a creamy silane/siloxane based impregnating water repellent. Its unique thixotropic nature allows sufficient active material to be applied in one coat, by brush roller or airless spray, even overhead.

Storm Repel has been designed to penetrate deeply into silicate based mineral substrates like brick, mortar and roofing tiles to give maximum reduction in water absorption and protection from water, pollutants and freeze/thaw damage. By keeping masonry dry, the thermal performance of the wall is improved.

Storm Repel has a high penetration depth and creates a low water uptake in the substrate with good 'beading'. Treated surfaces remain breathable and can be over-painted.



**ONE COAT APPLICATION**  
**GREATLY REDUCES RAIN PENETRATION**  
**PROTECTS AGAINST FREEZE/THAW DAMAGE**  
**EXCELLENT PENETRATION**  
**VAPOUR PERMEABLE**  
**IMPROVES ENERGY PERFORMANCE**

## TECHNICAL INFORMATION

PRODUCT INFORMATION	
<b>FORM:</b>	Cream
<b>COLOUR:</b>	White (dries clear)
<b>FLASH POINT:</b>	75°C
<b>HAZARD INFORMATION:</b>	Not Classified as Hazardous – Wear suitable mask when spraying
<b>CLEANING:</b>	Clean tools, equipment etc. using warm water. Mechanical means are necessary when the product has set.
<b>PACKAGING:</b>	5kg tubs
<b>STORAGE CONDITIONS:</b>	Store in sealed containers in dry conditions, protected from extremes of temperature
<b>SHELF LIFE:</b>	12 months in unopened manufacturer's packaging
APPLICATION INFORMATION	
<b>APPLICATION RATE:</b>	30m <sup>2</sup> /5kg pack
<b>APPLICATION METHOD:</b>	Brush, Lambskin Roller, Airless Spray
<b>APPLICATION TEMPERATURE:</b>	+5°C to +25°C
<b>DRYING TIME:</b>	30 minutes to several hours depending on substrate and site conditions
<b>DENSITY:</b>	0.84 kg/L
<b>EXPECTED LIFE:</b>	10-20 years depending on application

## DIRECTIONS FOR USE

### PREPARATION

Storm Repel is designed for application onto silicate based mineral substrates like brick, roofing tiles, mortar, sandstone or similar substrates.

All substrates should be dry, clean and thoroughly sound and free from oils, grease, coatings, curing membranes or any other contaminants which may interfere with penetration. Old surfaces which are contaminated with oil, paint etc should be stripped, cleaned and allowed to dry before application.

All surfaces should be uniformly dry with no damp patches. Do not apply if rain is forecast within the next 24-48 hours.

Mortar Pointing should be of good quality and all existing cracks repaired before work commences.

### APPLICATION

Storm Repel is supplied ready for use and should not be diluted.

Application may be carried out by brush, lambskin roller or, for best results, airless spray. Apply at a rate of 100 – 200 g / m<sup>2</sup>, typically 30m<sup>2</sup> per 5kg pack. The exact amount depends on absorbency of the substrate. At very high application rates the product may liquefy and run.

A second coat may be applied at any time after the first has penetrated the surface, although this is rarely required.

Care should be taken when spraying to prevent over-spray landing on surrounding areas or being carried by wind. Building elements, windows, plants etc nearby should be covered with polythene sheeting during the spraying process.

### RESTRICTIONS

Storm Repel should only be applied to dry, porous surfaces and should never be applied over painted surfaces or surfaces with existing sealers. Treated surfaces must be protected from rain until dry.

Storm Repel should not be used if the temperature is below 5°C on a falling thermometer or below 3°C on a rising thermometer.

All surfaces to be treated must be frost free and dry.

Not suitable for contact with bitumen or some insulation materials.

While Storm Repel dries colourless darkening can occasionally occur on some substrates. It is therefore always advisable to carry out a trial area first in an inconspicuous location.

Do not allow to contaminate the water course or to enter drains.