

# Raincheck LS

## Product Description

Raincheck LS is a colourless water-repellent for limestone based on UV resistant silane-siloxane based resins. The composition of Raincheck LS allows the water-repellent material to bond to the carbonates in limestone. Raincheck LS can be used on old and new buildings to protect against penetrating damp.

The product is suitable for the treatment of absorbent limestone rather than very dense types.

## Benefits

- Rapid curing
- Raincheck LS can be used on old and new buildings to protect against penetrating damp and to keep limestone clean.
- Raincheck LS will not block the pores so water vapour is able to escape.
- Easy to apply by brush or by spray.
- Penetrates 2 - 10 mm.

## Properties

Appearance	Colourless liquid
Density	0.8g/cm <sup>3</sup>
Size(s) & Packaging	Supplied in 25 litre drums.
Coverage	2 - 4 m <sup>2</sup> per litre.
Penetration	2 - 10 mm
Service Life	10 - 20 years <sup>1</sup>
Storage	Store in cool, well ventilated area. Keep container tightly closed.
Shelf Life	1 year in unopened pack.

## Test Area

Raincheck LS is suitable for limestone that is absorbent - it cannot penetrate very dense stone. It is recommended to try spraying some water on the stone surface to check for



absorbency. A slight colour change may also occur, so a small, inconspicuous test area should be used to check before full application.

## Preparation

Wooden and metal window/door frames and glass surfaces should be covered up before treatment, since removal of silicone resin splashes after drying can be very difficult. Splashes should be removed as soon as possible using soapy water or, if necessary, a solvent. Due to the fast curing rate of Raincheck LS, splashes will be extremely difficult to remove, even after just a few hours. Plants subject to potential over-spray should be protected with plastic sheeting.

Raincheck LS is best applied when it has not rained for 24 hours. If the wall is saturated this will affect how much the treatment can penetrate the limestone. Ideally Raincheck LS should also only be applied if no rainfall is expected for a period of at least 24 hours. Water-repellence is attained in a minimum of 3 hours, and usually a maximum of 24 hrs depending on the substrate.

It is important to determine how severely exposed the treated site is in relation to wind speed. Treatments may fail at wind speeds in excess of 100km/h. In these situations, a rendered finish, incorporating Oldroyd Xp Plaster membrane should be considered.

For the treatment to be successful it is essential to check all masonry joints. Hairline cracks up to 0.3mm can be 'bridged' by Raincheck LS (if applied in 2 coats). Larger cracks should be filled using a suitable mortar mix, such as Brickfix Joint and Crack Filler Mortar. Existing mortar should be checked for soundness before work commences.

Dirty surfaces should be cleaned before application using any

<sup>1</sup> Durability is affected by weathering, exposure, and the absorbency of the limestone substrate. It will also be affected by the type of limestone, as characteristics such as porosity can vary. However Raincheck LS is usually anticipated to remain effective for at least 20 years. Note the material can be a mixture of limestone and sandstone, but Raincheck LS is still an effective treatment in this case.

proprietary alkaline stone cleaner. Do not use detergents. Steam cleaning or grit blasting is also suitable. Rust, tar and bitumen stains must also be removed with a non-detergent cleaner prior to treatment.

## Application

Raincheck LS is supplied ready for use.

### Brush or Lambswool Roller

This method is recommended if the areas to be treated are small or if the wall has a large number of windows. Special care should be taken to ensure that sufficient Raincheck LS is applied (1 litre product per 2.5m<sup>2</sup> to 3.5m<sup>2</sup> per coat), since the success of the treatment depends on this. At least two coats should be applied wet on wet.

### Coarse Spray (Flood Coating)

This method is recommended when treating large areas, Raincheck LS being applied by High Volume/Low Pressure turbine sprayer. PPE including suitable breathing apparatus should be worn, consult the Material Safety Datasheet before use.

Application should start at the highest point working from side to side allowing 'run down' of the fluid for 15 – 30 cm. If treatment is halted for any reason it is advisable to make a light chalk mark to indicate where treatment has ceased.

It is important that the coating is uniform and that sufficient Raincheck LS is applied. It is therefore advisable to flood coat twice (Raincheck LS being applied wet on wet). On poorly absorbent surfaces one coat of Raincheck LS will usually suffice

## Other Information

For details see the Safety Datasheet (available upon request).

Raincheck LS is produced in accordance with ISO 9001 and ISO 14001 quality and environmental management systems. Raincheck LS is non-hazardous to the environment.

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