



## RAINDANCE

### Solvent-free water-repellent for Masonry

#### 1. DESCRIPTION

**Raindance** is a concentrated, colourless water-repellent for masonry based on alkali and UV resistant siloxane resins.

**Raindance** can be used on old and new buildings to protect against penetrating damp and to keep masonry clean. **Raindance** will not block the pores in masonry so water vapour is able to escape (thus preventing the “spalling” associated with less advanced products).

#### 2. BEFORE APPLICATION

Wooden and metal windows/door frames and glass surfaces should be covered up before treatment, since removal of silicone resin splashes after drying can be very time-consuming. Splashes should be removed as soon as possible using soapy water or, if necessary, a solvent. Due to the fast-curing rate of **Raindance**, splashes will be extremely difficult to remove even after just a few hours. Plants should be protected by covering with plastic sheeting. Ideally, **Raindance** should be applied when no rainfall is expected for a period of at least 24hrs.

#### 3. PREPARATION OF THE SUBSTRATE

For the treatment to be successful, it is essential to check all joint and roof connections. Major Cracks in the brickwork should be filled in. Hairline cracks up to 0.3mm can be “bridged” by **Raindance**. If re-pointing is necessary, the mortar should be allowed to age for 2-3 weeks before treatment. Dirty surfaces should be cleaned before impregnation using any proprietary acid or alkaline brick cleaner. **DO NOT USE DETERGENTS**. Steam cleaning or grit blasting are also suitable. Rust, tar, and bitumen stains must also be removed with a non-detergent cleaner prior to treatment.

#### 4. DILUTION

**Raindance** should be diluted to the required strength before use by the addition of tap water. When adding water to **Raindance** the emulsion should be stirred.

For most surfaces **Raindance** should be diluted 1:14 with tap water:

**1.67 litre pack of Raindance + 23.33 litres of tap water → 25 litres working solution.**

For high alkalinity substrates i.e new buildings, **Raindance** should be diluted 1:9:

**1.67 litre pack of Raindance + 15 litres tap water → 16.67 litres working solution.**

#### 5. TAKE CARE

Once mixed, **Raindance** should be used within 2 days, after this **Raindance** will no longer be effective.

#### 6. APPLICATION

##### 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 **Raindance** is applied (1 litre dilute product per 3.5 m<sup>2</sup> per coat), since the success or failure of the treatment depends on this factor. At least two coats should be applied, wet on wet.



## Chemicals SA Coarse Spray

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This method is recommended when treating large areas, **Raindance** being applied by means of a knapsack sprayer or piston pump and spray lance. Spray pressure should be kept as low as possible – the solution should be seen to flow in a stream from the spray lance rather than form a spray mist. Application should start at the highest point, working from side to side, allowing a “run down” of 6 – 12”. If treatment is halted, it is advisable to make a light chalk mark to indicate where treatment was stopped.

It is important that the coating is uniform and that sufficient **Raindance** is applied. It is, therefore, advisable to flood coat twice on most surfaces, **Raindance** being applied wet-on-wet. On poorly absorbent surfaces, one coat of **Raindance** will usually suffice.

### 7. RAINDANCE AS A PRIMER

**Raindance** is suitable for use as a primer for exterior coatings, especially those that contain wetting agents. When **Raindance** is used as a primer it imparts water-repellency, strengthens the substrate and increases the adhesion of the coating to be applied.

When **Raindance** is used as a primer, it should be applied using the method described above for applying it as a masonry water-repellent. Extra care should be taken, however, when preparing the substrate.

### 8. DISPOSAL

Cement should be added to any unused **Raindance**. This will cause the product to react and form a gel, which can be disposed of with building refuse.

### 9. STORAGE

Store above 5°C. Store out of direct sunlight.

### 8. COVERAGE

1 litre dilute product per 3.5 square metres per coat.

### 9. HEALTH AND SAFETY

Safety data sheets –available on request

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