

Repelicone S

Impregnating water repellent for masonry



Description

Repelicone S is an alkoxy silane based, ready to use, protective coating for plain or reinforced concrete with impregnating water repellent properties without the water beading effect.

Applications

- ▲ Repelicone S provides excellent water repellency to concrete and cementitious products
- ▲ Repelicone S helps protect the substrate and enhances its durability
- ▲ Repelicone S can be used as an admixture for the integral waterproofing of fresh concrete

Advantages

- ▲ High penetration with no film formation.
- ▲ Nonstaining and doesn't change the appearance of the substrate.
- ▲ Increases freeze-thaw cycle resistance.
- ▲ Breathable, allows for water vapour release.
- ▲ No solvents, environmentally friendly.
- ▲ High resistance to alkalis.
- ▲ Pure silane content.

Method of Use

Repelicone S as water impregnated coat

Surface Preparation

Surface must be clean, sound and free from oil, grease, curing compound, or any contamination. Any contaminants should be removed by light grit blasting.

Application

It is recommended to apply two consecutive coats of Repelicone S at the stated rate of application, or one flood coat. Coating can be carried out using brush or roller.

Repelicone S as water resisting admixture

The recommended admixture range is between 0.1 and 1.0% of the cement content. Add Repelicone S alone without additives either simultaneously with or immediately after mixing water.

Technical Properties @ 20°C:

Colour:	Clear
Silane content:	Approximately 99%
Density:	0.90 ± 0.05 g/cm ³
Depth of penetration:	≥ 10 mm

Extended periods of mixing will disperse Repelicone S resulting in better performance.

Note: It is recommended to test the compatibility of other concrete admixtures with Repelicone S separately.

Packaging

Repelicone S is available in 1, 5 and 20 litre pails.

Coverage

0.23 - 0.45 litre/m² depending on the porosity of the substrate.

Storage

Repelicone S should be stored away from direct sunlight at a minimum ambient temperature of 5°C.

Shelf Life

Repelicone S has a shelf life of 12 months from date of manufacture if stored in proper conditions and sealed drums.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

Cautions

Health and safety

Care should be taken during use and storage to avoid contact with skin, eyes and mouth. Wear suitable protective clothing, gloves and eye/face protection. Should accidental skin contact occur, remove immediately with plenty of clean water.

If swallowed, seek medical attention immediately - do not induce vomiting.

Repelicone S

For further information refer to the Material Safety Data Sheet.

Fire

Repelicone S is flammable.

More from Don Construction Products

A wide range of construction chemical products are manufactured by DCP which include:

- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

