

Silicone Water Repellent

Product Description

Type: A clear, silicone resin-in-solvent water repellent solution

Uses: To create water repellence on unpainted interior and exterior masonry

Substrates: Unpainted brick, stone, concrete, plaster, fibre cement, clay

Advantages: Excellent Water Repellent. Allows trapped moisture to escape. Does not alter surface appearance or texture. Once fully cured it may be over-coated with water based and solvent based paints. Durable 5-10 years life expectancy.

Conditions during application; The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, measured near the substrate. Good ventilation is usually required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 3% (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

PRODUCT DATA:

Colour Range: Clear

Pack Sizes: 1 Litre, 5Litres and 20Litres

Finish: Slight sheen

Thinner & equipment cleaner: White Spirit

Dilution Ratio: Supplied ready for use. For application to very dark areas, thin up to 20% by volume Crown White Spirit to prevent formation of a hazy/ whitish finish. Avoid over-thinning. Stir well before use.

Application: Apply generously, working from the top of a vertical wall going down. Flood the surface to cause a “run down” of about one-foot (300mm). Immediately apply another one-foot band below this band until all the area is covered. If spray applied, use the minimum pressure to prevent atomization. Highly porous surfaces may require a second coat. Small articles like bricks and blocks may be dipped. A mask should be worn as concentrations of the solvents on prolonged use may cause temporary dizziness or sickness if inhaled.

Drying Times: Surface dry 1 hour. Re-coatable after 16 hours.

APPLICATION DATA:

The product can be applied by: Brush or spray. Small articles like bricks can also be dipped.

Spreading Capacity per coat: Depends on film thickness applied, type of texture, surface porosity, imperfections, temperature & wastage during painting

2 - 5 m²/1 per coat

Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

TECHNICAL DATA SHEET



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DIRECTIONS FOR USE

Surface preparation & Paint System:

Surface	Preparation	1 st coat	2 nd coat
New, dry, painted or unpainted & non-porous plaster, brick, stone, concrete etc	Ensure completely dry Remove loose particles, algae and fungus. Repair cracks and joints	Crown Silicone Water Repellent Solution without any dilution	Crown Silicone Water Repellent Solution without any dilution
Porous or very dark masonry surfaces	Ensure completely dry Remove loose particles, algae and fungus. Repair cracks and joints	Crown Silicone Water Repellent Solution diluted up to 20% with Crown White Spirit	Crown Silicone Water Repellent Solution without any dilution

Precautions:

1. Should not be used on wood, canvas or fabrics.
2. Splashes on painted surfaces should be removed with a rag dipped in Crown White Spirit.

Availability: From Crown Depots in Nairobi, Kisumu, Mombasa, Meru, Nyeri, Eldoret, Arusha, Mwanza, Dar es Salaam, Kigali and through Crown Stockists.

Storage Conditions: Store under cool dry conditions away from direct sunlight, heat and extreme cold.

Disclaimer: The recommendations contained herein are given in good faith and meant to guide the user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Crown Paints Kenya PLC control.

Technology may change with time, necessitating changes to this Technical Data Sheet (TDS).

Crown Paints Kenya PLC reserves the right to amend the TDS without any further notice.

It is the responsibility of the user to ensure that the latest TDS is being used for reference.



For additional health & safety information, please refer to our Material Safety Data Sheet (MSDS)