

TECHNICAL DATA SHEET

MULTI SILICOTE 1230

PAS-TDS-WPF-008

Description

A colourless, clear deep-penetrating silicone-based water-proofer which improves weathering of concrete and brickwork. MULTI SILICOTE 1230 contains the maximum concentration of the finest silicone resins with hydrocarbon solvents. The efficiency of the product as a colourless water-proofing compound is further improved by the addition of a dispersing agent that ensures maximum depth of penetration and the rapid formation of a completely water-repellent surface.

Typical Applications

When applied by brush or spray to surfaces of face brickwork, natural stonework, cement, paint and asbestos sheeting, it penetrates deeply beneath the surface to line the pores with a thin water repellent coating without changing the appearance or affecting the breathing property of the wall.

Advantages

- Deep penetrating into substrates
- Aids in preventing rain and damp penetration
- Aids in preventing chloride intrusion
- Aids in protecting surface from discolouration and attacks in an acidified atmosphere
- Aids in preventing efflorescence
- Increases freeze / thaw resistance
- Colourless
- Aids in preventing spalling of the surface from frost attack
- Does not affect breathing property of the wall

Typical Properties

Density	0.95g/cm ³
Mixing Ratio	As supplied
Flash Point	50°C
Application Temp.	5 - 35°C
Colour	Clear
Coverage	5m ² per litre

Watch Points

- Thermal Insulation: Loss of heat through wet brickwork, etc is one and a half times greater than when dry. Prevention of rain and damp penetration aids in preserving the heat insulating properties of the wall.
- Masonry: The application does not darken or form a sheen on the surface treated, If required, the surface can, after application, be decorated With oil paints. In industrial areas, the sealing of masonry with MULTI SILICOTE 1230 in addition to its waterproofing characteristics, protect the surface from the attacking action of the acidified atmosphere and further aids in preventing discolouration from smoke laden air.
- Life Expectancy: As a result of the increased depth of penetration its lasting life is far greater than that obtained with ordinary silicone solutions.

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Directions for Use

Surface Preparation:

The surface to be treated should be dry and free of loose matter, moss, algae growth and curing compounds. Defective joints in brick and stonework should be repointed. It is not necessary to treat hair-line cracks, but large cracks should be made good and allowed to dry before treatment. Efflorescence should be removed from the surface by brushing. For maximum penetration smooth dense surfaces should be prepared by grit blasting, water blasting or by other mechanical means

Priming:

No priming required.

Application:

Apply in two coats by brush or low-pressure spray. Spray nozzle should have a nozzle not smaller than 5mm. The MULTI SILICOTE 1230 is flooded onto the surface so that a rundown of approximately 20 cm is obtained. On absorbent surfaces, repeat or increase rate of application until surface is completely saturated. Ensure adequate ventilation when applying the product. Coverage will vary according to the porosity of the surface treated, but as a guide, an average coverage of 5m² / litre per coat can be expected. Allow a minimum interval of 2 hours between coats

Equipment Care

Clean all equipment immediately after use with Multi Thinners 1600.

Packing

Supplied in 5LT and 25LT containers

Quality Assurance

Pasiffire SD Projects (Pty) Ltd production and testing programs comply with all local and international testing standards.

REVISION: 3.1