

MULTI SILICOTE 1230

Ultra Rapid Setting High Strength Cementitious Tile Adhesive

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 of, 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 discolourations 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

Fire:	Brown Powder
Flashpoint:	10 to 45 minutes
Storage life:	20 to 50 minutes

Effects

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 change, 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 MULTISILICOTE 1230 in addition to its waterproofing characteristics, will 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. It is estimated from accelerated weathering test data that a minimum life expectancy is 10 years.

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 repainted.
- * It is not necessary to treat hairline 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

Application

- Apply in two coats by brush or low pressure spray. Spray nozzle should have a nozzle not smaller than 5mm.
- * The MULTISILICOTE 1230 is flooded onto the surface so that a run down of approximately 20cm is obtained.
- On absorbent surfaces, repeat or increase rate of application until surface is completely saturated.
- * Ensure adequate ventilation when applying the product.

Coverage

- This 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

Packaging

Supplied in 25 litre and 200 litre drums

Quality Assurance

MCC LIMPOPO's production and testing programmes comply to local and international testing standards.

Updates

This data sheet supersedes all previous issues prior to this date: 31/05/97