

WATER REPELLENT

STRATACOTE SILICONE MASONRY SEALER – WATER BASED

TECHNICAL DATA

1.0 DESCRIPTION

STRATACOTE SILICONE is a water based silicone impregnation agent which repels water and allows walls to breath, specially designed for the water-repellent treatment of buildings and building materials, including concrete tiles, paths, foundations, Summerhill Stone, concrete blocks and other porous building materials. (An untreated concrete tile roof can absorb 300-500 kg of water).

STRATACOTE SILICONE reacts with moisture and CO² in the air to create an efficient barrier against water penetration without hindering the passage of air and vapour. This enables the wall or material to breath, therefore any moisture or dampness trapped can evaporate, wet areas will dry-out while preventing any further water penetration. If there is rising damp STRATACOTE SILICONE can act as a barrier preventing any moisture above the application level.

It also prevents dampness and mould on internal walls, helps in prevention of freeze/thaw damage on porous surfaces by stopping ingress of moisture into the material. It can be applied to a dry or slightly damp surface.

Surfaces treated with STRATACOTE SILICONE can be painted provided certain precautions are taken with water-based paints (dilute as little as possible)

STRATACOTE SILICONE can be used as an additive with plasters and water based paints to improve resistance to weathering and soiling. 1 litre of STRATACOTE SILICONE to 100 litres of paint is recommended.

2.0 ADVANTAGES

Significantly reduces moisture penetration which:

- Increases the building materials lifespan
- Limits the growth of moss
- Cuts down heat loss
- Helps to control efflorescence
- Reduces sensitivity to freeze/thaw cycles
- 2-3 years protection

3.0 CHARACTERISTICS

Appearance:	Colourless liquid
Active Ingredient Content:	45%
Specific Gravity:	1.33 @ 20°C
Viscosity:	11mm ² /sec
Flashpoint:	100°C
UN Number:	1719
Class:	8 Corrosive
Packaging Group:	11
Hazchem Code:	2R

4.0 APPLICATION

1. For general purpose treatments mix 1 litre of STRATACOTE SILICONE with 15 litres of water. Manual stirring is all that is needed for proper dilution.
2. 1 litre of mixed solution will cover 2-5 sq metres. This depends on the porosity of the material to be treated. The dilution may be applied by brush, roller or spraying, in all cases it must be applied liberally enough that it will run down the surface. If spraying misting must be avoided as penetration will be poor.
3. A low pressure rose head type spray or watering can is ideal. Mask up windows and joinery with plastic film. The water repellent is corrosive and overspray should be wiped off glass and aluminium joinery immediately. Equipment used in its application should not contain aluminium or light alloys.
4. On red bricks a test must be done first to determine any surface reactions. If any doubt, contact the manufacturers, if clear proceed with caution.
5. Not for red brick with white mortar.

5.0 GENERAL HAZARD INFORMATION

Contamination:	Always seek medical advice.
Eye contact:	Irrigate with clean water for at least 15 minutes. Seek medical help.
Skin Contact:	Flood exposed skin with water. Remove contaminated clothing then wash skin with soap and water.
Ingestion:	If patient is conscious washout mouth. If breathing stops, start artificial respiration. Keep patient warm, comfortable at rest. Get medical help.
Personnel Protection:	Workers should wear rubber footwear, overalls, PVC gloves and safety glasses.

Health Hazard: Like concentrated solution of caustic potash, this product may cause severe burns on skin or eye contact or by accidental ingestion.

NEVER ATTEMPT TO GIVE ANYTHING TO A SEMI-CONSCIOUS OR UNCONSCIOUS PERSON

Spillage: Avoid personal contact, absorb into absorbent materials (e.g. sand, earth, vermiculite). Carefully sweep up and place into a labelled receptacle for safe disposal (dry-sweeping process).

Fire: Non-combustible, but may give rise to fumes if strongly heated.

MANUFACTURERS/SUPPLIERS NOTE:

This does not in any way excuse the user from knowing and applying all the regulations governing this activity. It is the responsibility of the user to take all precautions when handling the product. Common sense and care is needed.

This technical information is given in good faith, but only as a guide. However, subject to any implied terms, conditions or warranties imposed by the Consumer Guarantees Act 1994, all recommendations and suggestions are made without guarantee as application conditions are out of our control. All information is based on extensive testing which is available on request.

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