

## TOTAL PROTECTION FOR BRICKS AND STONE

### Uses

- On terracotta and stone paving.
- On walls and facing bricks.
- On tiles and roofing in general.
- On mature concrete and plaster.
- On natural stone.
- On the joints in swimming pools, terraces and showers.
- On statues, works in stone, columns and gateways to protect from atmospheric agents.
- On any stone or brick support that could absorb water.

### Technical Specifications

Composition	Proprietary blend of potassium methylsilanetriolate in aqueous solution (<5%)
Expiry	12 months if stored sealed
Flammability	Not flammable
Environmental risk	None
Organic properties	Odourless, colourless liquid
Storage	Store frost free and sealed
Toxicity	None
Coverage rate	4-7sq/m
Dilution	None - ready to use
Maturing	About 2 hours

### Properties

- Water repellent and penetrates the pores leaving the natural aspect of the brick whilst protecting from moisture and water.
- Completely invisible and does not alter the colour or the surface of the material treated.
- Prevents the formation of mildews, bacteria, saltpetre and efflorescence. It keeps surfaces clean and healthy for excellent facing results.
- Protects paving from deterioration and renders it resistant to freezing/thawing cycles and atmospheric attack.
- Penetrates into the structure and allows the material to breath normally.
- Does not leave any surface film.
- Colourless, odourless, non-toxic and environmentally friendly.

### Performance

Properties	Result	Reference Standard
Permeability to vapour	70% of the original material	
Freeze/thaw cycles	50 cycles without damage	UNI 8635/11
Efflorescence susceptibility	None	UNI 8942/3
Coefficient of friction	Dry: 0.807 Wet: 0.467	B.S. 6431: Part 20:1984
Life of the treatment	>8 years	

## Application

The surface must be thoroughly cleaned, healthy, free from deposits of oil, paint or dust and completely dry. Stir the product thoroughly before use. Apply by spraying (using low-pressure pumps). It can also be applied by using a brush or roller. The material must be saturated with **Brickcover®**, removing the residues of the product. Because of the vast range of brick and stone on the market, we always recommend applying **Brickcover®** onto a small test area to check the proper operating conditions. Apply from the bottom upwards on vertical walls. Coverage rate is from 4-7sq/m per litre of product, depending on the porosity of the material. Pretreatment with **Evercrete Vetrofluid®** is recommended for concrete.

## Warning

Protect non-absorbent surfaces (porcelain, stoneware, aluminium, glass, tiles etc.) during application: the product is alkaline and could damage these surfaces.

Spillage on non-absorbent surfaces must immediately be washed thoroughly with water, to prevent surface reaction. No product must remain on the surface.

It is necessary to wash terracotta paving thoroughly before treating, using an acid solution to prevent the appearance of efflorescence. Avoid pressure washing. Always try **Brickcover®** on a test area before treating.

Do not apply a second coat.

**Temperature:** do not apply below 5°C and above 40°C. Do not apply if rainfall is forecast within 24hours.

## Information

For any eventual explanation LRS Systems technical team is available 8.30-5 Monday to Friday on 01978 841 877 or [info@lrs-systems.co.uk](mailto:info@lrs-systems.co.uk).

Note: The information contained in this sheet is accurate to the best of our current knowledge. The products are of the highest quality and standard with regard to production tolerances. As it is impossible to carry out any controls on the application of the product, no express or implicit guarantee is provided as regards the final result and no responsibility is accepted directly or indirectly by the use of the products. Users are encouraged to carry out tests before application.