

# K5 WATERREPELLS

## Hydrophobic Impregnant Silane Base Water Repellent



### Description :

K 5 WATERREPELLS is supplied as ready to use. On porous surfaces K 5 WATERREPELLS provides an invisible barrier to water penetration and remains effective for many years. K 5 WATERREPELLS prolongs the clean appearance of buildings, reduces chemical attack, minimises efflorescence. Thermal and sound insulation are improved by keeping the wall dry and the risk of frost damage is reduced. It will be effective on treated clay brickwork, calcium silicate brickwork, cement-based materials and all types of natural stone masonry, including limestone.

The treatment does not block the pores and therefore 'breathing' properties of the wall are unaffected. Trapped moisture can easily dry out. K 5 WATERREPELLS is extremely effective and most surfaces require a single coat application. The life of the treatment will depend on the extent of weathering to which the surface is exposed. Due to the excellent waterrepellent properties of K 5 WATERREPELLS, dirt and other atmospheric impurities are washed off, by rain and its clean appearance is maintained for a longer period. The application of K 5 WATERREPELLS will considerably reduce efflorescence and because the structure remains dry, thermal and sound insulation are improved. The risk of spalling by frost action is minimized.

### Uses :

K 5 WATERREPELLS is suitable for external application to exterior walls of brick or concrete blocks, cement renderings, asbestos cement, concrete and all types of stone, including limestone. Also used as an injection damp course fluid.

To provide a durable barrier to water penetration of porous surfaces.

### Advantages :

- Pre packed easy to use water proofing coating.
- Easily applied water repellent treatment giving a self cleaning, hydrophobic surface to masonry, concrete and asbestos sheeting
- Effective water repellence
- Minimises efflorescence



- Economical
- Very easy to apply
- Colourless hence maintains natural colour of walls .
- Non toxic vapours.
- Environmentally friendly.
- Highly penetrative.
- Crack bridging.

### Application Instructions :

- 1) COVERAGE RATES : One litre of K 5 WATERREPELLS will cover between 4 and 5 m<sup>2</sup> of surface depending upon porosity and surface texture. Normally one coat is sufficient, but very porous surfaces may require a further coat.
- 2) PREPARATION OF SURFACE : All surfaces to be treated must be sound, clean and dry. Any defects and cracks, other than hair line cracks, should be made good. Dirty surfaces should be thoroughly cleaned and organisms such as algae or lichens should be removed. In no circumstances should detergents be used as they may reduce the efficiency of the treatment. The surface should be allowed to dry before the application of K 5 WATERREPELLS. K 5 WATERREPELLS should not be applied over mastics surfaces Glass, etc. should be protected against splashing during application.
- 3) K 5 WATERREPELLS is supplied ready for use. Apply by brush or low pressure spray. The K 5 WATERREPELLS should be applied liberally so that it runs freely down the surface to about six inches below the point of application. When applying by spray, the pressure should be kept as low as possible to avoid excessive misting, and the nozzle held close to the surface. K 5 WATERREPELLS dries within a few hours and becomes fully resistant to water 24 hours after application. Brushes, spray equipment, etc. may be cleaned with water.

### Packing & Coverage :

1, 5, 10, 50, 100 Ltrs carbuoys.

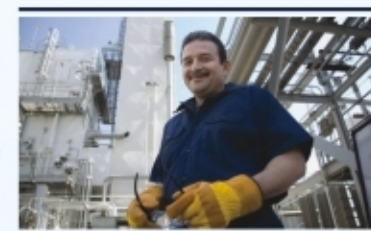
1 Ltr of K 5 WATERREPELLS will cover approx. 4 to 5 m<sup>2</sup> of surface depending upon porosity and surface texture. Normally one coat is sufficient.

### Shelf Life :

24 months storage life when stored in original unopened container at between 5 °C to 45 °C in a dry and shaded place.

### Health & Safety :

K5 WATERREPELLS is non-hazardous. It should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles and gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical attention immediately, do not induce vomiting.



### Note :

All information is given in good faith on the results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since we don't have any control on site conditions and its uses.