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## Technical Data Sheet

### Sealer 102

**Sealer 102 (formerly Hydrolite 15) is an aqueous, solvent free, sub-surface sealer, suitable for use in protecting and sealing a wide range of masonry and concrete surfaces from pH neutral to highly alkaline.**

#### Advantages

Total water repellency.  
Prevention of soluble salt blooming.  
High impregnation depth.  
Reduction of dirt deposition. (Reduces cleaning costs by up to 50%)  
Protection against moisture induced damage.  
No visible surface change (see note)

#### Use

Sealer 102 is used to seal and protect natural & cementitious stone, sandstone, terracotta tiles, marble & granite and a wide range of masonry & concrete finishes.

#### Technical Properties

Active matter:	12.5%
Density at 25°C:	1.0 g/cm <sup>3</sup>
Emulsion type:	Proprietary Formulation.
Dilution:	With water (Supplied ready to use)
QUV Testing	2500 hours: 4hrs X 4hrs, QUV (B lamps) X wet condensation. Equals 3-5 years natural exposure.
Result	Water resistance good. Chewing gum, good release. Sealer 102 is unaffected by UV light & water as tested.

## **Application**

Sealer 102 should be applied in its original supplied concentration. Additional dilution of the material from its supplied form will severely affect end performance and reduce the product's effectiveness. The penetration depth should be increased for surfaces subject to heavy mechanical or chemical/physical stress. The product may be applied by brushing, rolling, flooding or airless spraying. Coverage will depend on the porosity of the substrate. A trial should be carried out to ascertain exact application rates.

Surfaces should be cleaned by high-pressure water jetting to remove surface contaminants. Oil, grease and chewing gum should be totally removed with proprietary cleaners before application of Sealer 102. Any soil remaining on the substrate may be drawn down during application causing permanent staining.

Impregnation depth depends on the method of application i.e. Wet on wet passes are the most effective and will increase penetration depth.

Note: A small trial should be carried out to ascertain the visual effect of the treatment on the surface before full application is carried out.

Sealer 102 prevents penetration of water, soils and salts into masonry and concrete substrates. Surfaces treated with Sealer 102 show a self-cleaning effect. The use of Sealer 102 allows the substrate to breathe allowing the permeation of gases and water vapour. This allows the treatment of wet concrete or artificial limestone with the product.

The treated surface is resistant against water solutions containing surfactants. Regular surface cleaning by power washing is recommended.

## **Shelf Life**

Sealer 102 can be stored in sealed containers for 6 months without loss of performance. The product must be protected against frost and should not be stored at temperatures below 0°C and above 35°C.

## **Packaging**

Non-returnable 200, 20 & 5 litre plastic containers.

The technical information and suggestions contained herein are believed to be reliable, but since the conditions of use are beyond our control, they are not to be construed as warranties.