



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

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 ³
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 effect end performance and reduce the products 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 ie. 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 5ltr, 20ltr and 200ltr plastic containers.

The information and data provided is believed to be correct and is given in good faith. End use is beyond the control of the supplier and no warranty as to particular application is given or implied.