

Sealer 101

Sealer 101 (formerly Hydrolite 10) is an aqueous solvent free water repellent emulsion, suitable for masonry and concrete applications on substrates with a pH range of slight alkaline up to 14.

Advantages

- Effective protection against heavy rain
- Prevention of soluble salt blooming
- Reduction in water absorption & dirt deposition
- Anti carbonation & protection system
- Protection against moisture induced damage
- No visible surface change (see note)
- Vapour permeable

Use

- Roadways
- Bridges
- Pre-cast concrete
- Admixture
- Facades

Technical Properties

Active matter	10%
Density at 25°C	1.0 g/cm ³
Emulsion type	Proprietary Formulation.
Dilution	With water (Supplied ready to use)
Tested	to ASTM E514-90 Standard Test Method for Water Penetration through Masonry.
QUV Testing	2500 hours: 4hrs X 4hrs, QUV (B lamps) X wet condensation. Equals 3-5 years natural exposure.
Result	Water resistance good. Sealer 101 is unaffected by UV light and water as tested.

Application

Sealer 101 should be applied in its original concentration.

Additional dilution of the material from its supplied form will severely affect end performance and void any warranty. 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 low pressure spray application.

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 undertaken to ascertain the visual effect of the treatment on the surface before full application is carried out.

Sealer 101 prevents penetration of water and salts into masonry and concrete substrates. The use of Sealer 101 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 layer with its open pores does not flake or peel off as it is the case with surfaces treated with a paint system or a coating.

Sealer 101 is also suitable for use as a primer. The product has no adverse effect on the adhesion of a subsequent dispersion paint coating to the substrate. The water-repellent layer protects the paint by acting as a barrier against water (freeze thaw).

When using as an admixture Sealer 101 should be used. Consult our office for dosage rates and specific application information prior to use.

Shelf Life

Sealer 101 can be stored in sealed containers for 6 months without loss of performance. The material must be protected against frost and should not be stored at temperatures below 0°C. Storage for a longer period of time at temperatures above 35°C should also be avoided.

Packaging

Available in 5, 20 & 200 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.