

## WetEx™ Seal

WetEx™ Seal is a one-part, all-purpose Sealer, Sodium Silicate; modified liquid that hardens and facilitates an impregnating seal for fresh or old concrete/cement surfaces. Primarily for sealing cracks in concrete floors, sidewalks, walkways, or driveways, WetEx™ Seal is safe, non-toxic, and contains no odours. Suitable for interior and exterior application on non-specific curing standard substrates. WetEx™ Seal will not adhere to oil or grease. The surface must not have been previously sealed or painted. Concrete must not have a sealing-type admixture in it. It can be used as a densifier in grinding or polishing concrete as well as dust-proofing of prefab work. It has light to moderate abrasion resistance for applications on warehouse floors, parking, shopping industrial floors etc...

WetEx™ Seal increases the chemical and abrasion resistance of untreated concrete surfaces. It has a high penetration on the non-sealing surface (breathing).

### Application:

To Seal Cement/Concrete Floors: Clean the surface before treatment, Floor must not have been previously sealed or painted. Any adhering matter or contaminants have to be removed before application. Concrete must not have a sealing-type admixture in it. Mop/spray on the surface generously with WetEx™ Seal, and wipe up any puddles for a better finish. Repeat if necessary to get the desired results. The previous layer must be thoroughly penetrated and dried prior to the application of the next layer. WetEx™ Seal will help harden the surface for better dust control and resist penetration by water, oils and other liquid spills.

To apply on a fresh denser concrete/floor use a Wagner ProSpray gun (or similar) or a spray pump applicator at a high flow rate and brush WetEX™ Sealer into the substrate with a broom or soft pad until evenly applied and worked into the surface. Make sure that there is even coverage and wipe any pooling of product away for a better finish. On older rougher, more porous surfaces a second coat might be needed. To get the best result for a surface sheen use a cleaning /polishing machine to get an evenly finished surface.

Using WetEX™ Seal as a densifier use a sprayer application when grinding at an 80grid level (2 coats).

The performance of WetEX™ Seal can greatly differ depending on cement content and substrates which are very porous/light weight and /or worn.

WetEX™ Seal cannot prevent heavy staining or heavy wear.

### Usage guideline:

200-250ml @ densifying/m<sup>2</sup> or 1 ltr @ 7-9m<sup>2</sup> as a sealer. Two coats are recommended.

Requirements change with the porosity of the substrate... use in +5C to + 35C only!

LOW VOC; Water-based; Solvent free; Keep from freezing. It will take around 2-3hrs to recoat where wanted, 4-6 hrs to dry – Around 1 week to cure. General Usage of 1-2 coats, please test before application. Times will differ greatly depending on the environment. Penetration is around 4-6mm depending on the substrate; Tensile strength is around 4.5-5 MPa; Abrasion resistance of substrate increases by 50-80% when used. The best results on new concrete are when aged for at least 10-14 days.

WetEx™ Seal will not penetrate already polished floors. Clear glass-like appearance when dry; pH 11;

NON-HAZARDOUS – NON-TOXIC - Please refer to SDS for more info. Unopened Shelf Life of 2 Years and stored out of direct sunlight in a cool, shaded place.

Clean all tools immediately after use with water, dried product cannot be removed mechanically.

Please consider further

Do not use sprayers that have previously been used for spraying silicone or oil-based products.

At low temperatures (below +10 °C) the product may thicken and be difficult to spray. Do not mix with other products.

Due to the high pH of 11, any over-spray must be immediately washed from aluminium, highly polished surfaces or glass with water to avoid etching of surfaces. Consider to mask these surfaces prior to work.

At low temperatures, below +10 °C, high humidity 80 % + above or wind-free conditions the gelling time may increase. In hot weather conditions (above +25 °C), gelling may occur before the material has penetrated sufficiently. Please keep the surface wet for 30 minutes (add WetEX™ Sealer). The more WetEX™ Seal is used the more a 'glass type' appearance is achieved.

KEEP OUT OF REACH OF CHILDREN, EYE AND SKIN IRRITANT, DO NOT SWALLOW



Notice to reader

While the Information provided in this TDS is believed to provide a useful summary the data furnished in this sheet do not address hazards that may be posed by other materials mixed with this product. Users should review other relevant material safety data sheets before working with this product or its mixed state.

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