



## Technical Data Sheet

# ASOLIN-WS

## Siloxane Impregnation

**Art.-No. 2 01246**

### Properties:

ASOLIN-WS is a solvent-containing construction chemical based on oligomere siloxanes for a colourless and water repellent impregnation of mineralic construction materials. ASOLIN-WS is ready for use. ASOLIN-WS is applied onto the construction material and absorbed by capillarity. It is transformed into the water repellent siloxane under the influence of moisture. Water repellent characteristics of surfaces treated with ASOLIN-WS are resulting in significant protection against damages caused by frost and salts.

Important remarks concerning efficiency and durability:

- Low molecular weight - high penetration depth.
- Large alkyl groups - therefore suitable for highly alkaline construction chemicals.
- Dry tack-free - no subject to dirtiness.
- Applicable on slightly moist surfaces.
- Quick formation of a water-repellent effect - therefore fast pelting rain proof.
- Improvement of frost resistance and corrosion caused by salts.

### Areas of application:

ASOLIN-WS is recommended for moisture protection of facades or strongly inclined areas. Test on objects before use. General remarks concerning impregnation of different construction materials with ASOLIN-WS:

Excellent:	Porous concrete, bricks, lime sand stone, mineralic plaster, mineralic paint
Good:	Concrete, cement bonded artificial stone, asbestos cement
Different:	Natural stone
Limited suitability:	Plastic resin plaster
Not suitable:	Gypsum, plastic resin paints

### Technical Data:

Basis:	Oligomere siloxane with large alkyl groups.
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Colour:	colourless
Specific Gravity:	approx 0.78 g/ml
Cleaning:	Clean tools immediately after use with AQUAFIN-Cleanser.
Consumption:	between 100 - 1,000 ml/m <sup>2</sup>
Examples:	
Concrete:	250 - 500 ml/m <sup>2</sup>
Plaster:	500 - 800 ml/m <sup>2</sup>
Porous concrete:	500 - 1,000 ml/m <sup>2</sup>
Storage:	12 months in closed packs.

### Surface preparation:

The dry or slight moist surface has to be in a flawless condition. Defects have to be removed in advance. Water and in water soluble material may not get behind the hydrophobized area. If damaging salts are existing a laboratory analysis is necessary. The impregnated construction materials have to be open-cell. (Priming with ASO-Steinreiniger). Adjoining areas like windows, painted areas or areas to paint or glass has to be protected with a PE-foil as well as plantation. Construction parts which will be affected by solvents like polystyrene, mastix, bitumen, latex must not be treated with ASOLIN-WS.

### Product preparation:

The ready for use ASOLIN-WS is applied onto the construction material by means of spraying and brushing. Application is effected in one or several layers that all have to be saturated and even. Generally, the surface is to be impregnated twice wet in wet. Best impregnation effects are achieved on slightly moist and absorbing surfaces.

### Important advice:

- ASOLIN-WS is classified according to the GefStoffV.
- Please pay attention to the EU safety data sheet.
- Protect areas not to be treated. Glass, metals and window frames may be attacked by ASOLIN-WS.
- ASOLIN-WS is harmful.