



# Nisiwa SN

## Water repellent hydrophobic agent

### Product Properties

- Ready to use hydrophobic agent based on siloxane
- Non visible
- Resistant to driving rain
- High penetration power, class I according to EN 1504-2
- Not sticky when dry
- Non film forming
- Can be brushed and sprayed
- Reduces efflorescence and contamination on facades
- Reduces damages caused by frost, de-icing salts and other thawing agents on concrete surfaces
- Solvent-based
- Alkali-resistant
- Application in two layers
- Water hazardous class I

### Areas of Application

- Hydrophobation of alkali-based, cement-based surfaces
- Hydrophobation of precast elements and fairfaced concrete
- Hydrophobation of Concrete Cosmetic fillers
- Hydrophobation of Concrete retouch surfaces
- Hydrophobation of clay products and roof tiles

### Application Notes

**Because of its alkali-resistance, Nisiwa SN can also be applied to very young concrete.**

#### Substrate Preparation

The substrate must clean, solid, non-flaking and free from any anti-adhesive substances. Slightly moist substrates do not diminish adhesion; however, there should be no surface-dampness. Penetration depth is much greater on dry substrates.

Existing cracks must be repaired prior to application. Any effused substances must be removed. Expansion joints, connections, etc. must be sealed using a suitable joint sealant.

Before commencing, all areas that are not going to be treated, especially windows and doors, must be covered. Remove any splashes, e.g. on windows, immediately using MC-Reinigungsmittel U.

#### Application

Nisiwa SN can be applied by brushing, rolling or

spraying (crop sprayers with solvent-resistant hoses and seals) in two layers.

Apply the material from the bottom up in vertical, than cross-wise in horizontal direction. After drying the first layer, apply 2nd one (approx. after min. 30 minutes).

Due to the waterproofing effect of Nisiwa SN it is not possible to apply other coatings on treated areas.

Nisiwa SN contains flammable solvents. All standard precautions customary in coating technology must be observed during application and storage!

#### Further Information

Weather exposure will slowly reduce the effectiveness of the impregnation. If the water repellent effect is clearly diminishing, we recommend renewing impregnation after 5 years, at the latest.



## Technical Data for Nisiwa SN

Characteristic	Unit	Value	Comments
Flashpoint	°C	35	
Density	g/cm <sup>3</sup>	approx. 0.85	
Consumption	ml/m <sup>2</sup>	200 - 500	per application stage
Penetration depth	mm	< 10	class I according to EN 1504-2
Processing Temperature	°C	5 - 30	
Drying Time	hours	approx. 2	at +20 °C

## Product Characteristics for Nisiwa SN

Internal Production Supervision in accordance with DIN EN ISO 9001	
Base	siloxane
Colour	transparent
Storage	Can be stored under dry and frost-free conditions for at least 12 months.
Form of Delivery	25 l canisters; 1 pallet (24 canisters with 25 l) 200 l barrels
Disposal	To protect our environment please empty the packs completely.

Property specifications are based on laboratory tests and may vary in practical application. To determine the individual technical suitability, preliminary suitability tests should be carried out under the application conditions.

**Note:** The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 09/15. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.