

Nisiwa SN

Water-Repellent Protective Impregnating Agent

Product Properties

- Ready-to-use
- Contains solvents
- Water-repellent and resistant to driving rain
- High penetration
- Not sticky when dry
- Does not form a film
- Can be brushed and sprayed
- Reduces efflorescence
- Reduces damages caused by frost, de-icing salts and other thawing agents on concrete surfaces

Areas of Application

- For the impregnation of absorptive façades made out of:
 - Facing brick and sand-lime brick masonry
 - natural rock substances
 - Plasters, fairfaced concrete, precast concrete components
- For the protection 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 be 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 impregnated, especially windows and doors, must be covered. Remove any splashes, e.g. on windows, immediately using MC cleaning agent U.

Application

Nisiwa SN can be applied either by brushing with soft brushes or ceiling brushes or by spraying

(crop sprayers with solvent-resistant hoses and seals). Apply Nisiwa SN until the substrate is saturated.

On vertical surfaces, apply the material from the bottom up to achieve 100 % impregnation.

Coverage depends on the absorbency of the substrate and on the method of application. It is between 200 and 500 ml/m² per application stage.

Due to the waterproofing effect of Nisiwa SN it is not possible to apply other coatings on impregnated 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 ³	approx. 0.85	
Consumption	ml/m ²	200 - 500	per application stage
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 (14 canisters with 25 l) 200 l barrels
Disposal	To protect our environment please empty the packs completely. Please refer to our "Disposal concept for emptied transportation and sales packaging".

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 07/07. 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.