

STONE Silano

impregnation

Product information

STONE Silano contains an impregnating silane compound and is almost free of volatile organic compounds. The impregnation was specifically developed for the treatment of hardened, dry and dense concrete and other mineral substrates such as natural stone. STONE Silano dries quickly and invisibly. In the production process, STONE Silano can be integrated very well. It provides protection

against oil and grease contamination and against coffee, cola, water, etc. Due to mechanical cleaning, the protective effect may decrease. A renewed application refreshes the desired effects. The small molecular size of this product allows STONE Silano to impregnate deep into the pores of the product to create a highly effective water-repellent coating.

With the use of STONE Silano, the following positive characteristics are achieved:

- ✓ resistant to light and weather
- ✓ does not discolour product
- ✓ barely any reduction in vapour-diffusion properties
- ✓ improved performance against frost damage
- ✓ reduced rate of moisture absorption and retention
- ✓ reduces the occurrence of efflorescence

Product Processing

Use an airless sprayer to apply an even coat of undiluted STONE Silano. Coverage is approximately 60-180 g/m² depending on the absorbency level of the substrate and should be determined by trial and error on one's own responsibility. Useful service life depends on the amount of product applied. Stone Silano dries invisibly. **Stir well before use!**

Chemical characterization

Base:	organofunctional silane system
Color:	slightly cloudy
Odor:	scarcely perceptible
pH-level:	5 to 6
Density:	approx. 1 g/cm ³ (20 °C)
Application temperature:	+5 °C to +25 °C
Date of expiry:	6 month, in a technically correct manner
Packaging:	200 kg (barrel), 1000 kg (IBC)
WHC (self-classification):	WHC 1, slightly hazardous to water
Storage:	at +5 °C to +25 °C, protect from frost, heat and sunlight.

For details and other technical information, please refer to the corresponding safety data sheet!

Useful tips

General points:

After removing from the container, reseal the remaining contents and apply as quickly as possible. DO NOT tip any leftover product back into the container. For details of waste disposal, please refer to the corresponding safety data sheet.

Safety precautions:

Avoid contact with the eyes and skin. If the product comes into contact with the eyes, rinse out immediately with water and seek medical attention. In case of skin contact, wash off thoroughly with a suitable cleaning product. Take the normal precautions, when handling chemical substances.

Liability note:

The information and our technical advice, spoken, written or by way of trials is taken by the best of our knowledge. But they are without warranty and also in relation to possible protective rights of third parties. The advice does not release you from the testing of our latest advice - particularly our safety datasheets and technical specifications - and our products regarding to their suitability for the intended processes and purposes. Applications, uses and processes of our products and the products produced based of our technical advice are beyond our control and, therefore, entirely your own responsibility. The sale of our products is subject to our General Terms and Conditions. You will find them on our Homepage www.stone2000.de/agb/. Upon request, we will send them to you via Postal Service.

For Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] please refer to the safety data sheet!

Update: Oktober 27th, 2015 Please replace older data sheets by this new data sheet.

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