

TDS - Technical Data Sheet

Stone Coating 621

Solvent based hydrophobization agent with colour intensifying properties for absorbent stone / concrete substrates

1. PRODUCT DESCRIPTION

- Solvent based impregnating agent
- Enhances colour and the natural stone structure
- Silky gloss
- Abrasion resistant long term protection
- Highly water-, oil- and dirt repellent
- Open to vapour diffusion
- Saltwater and alkali-resistant
- Penetration depth up to 10mm, depending to the substrate
- Protection against re-soiling and microorganisms (algae, moss and mould formation)
- High UV-stability
- Suitable for absorbent, mineral substrates such as stone and high-quality concrete products
- Free of aromatic substances
- Ready to use liquid

2. SCOPE OF APPLICATION

Colour intensifying hydrophobization agent for stone and high-quality concrete products, such as: paving-stone systems, terrace tiles, marble, granite, terrazzo, clinker, masonry... - **for reducing of general surface contaminations, weathering protection and colour enhancement.**

3. TECHNICAL DATA

Appearance: colourless liquid
Density: approx. 0,78 g/cm³
Odour: gasoline-like
Flashpoint: approx. 39°C
Shelf life: 24 months at 20 °C
Container size: 1.000l, 20l, 10l, 5l

4. APPLICATION

Read Safety Data Sheet (MSDS) before using. Test on a small area and perform a suitability test before application. Please check the Stone Coating 621 material compatibility and resistance of the substrate to be treated in advance of application. Use only in well-ventilated areas. Contains flammable solvents.

The treated surface must be absolutely dry and free from impurities, cleaning agent residues and tensides. **Stone Coating 621** must be applied at an substrate and ambient temperature of +5°C - +25°C. Avoid direct sunlight. **Stone Coating 621** is applicable undiluted by brush, foam roller, microfibre cloth or spray application (do not breathe in aerosols - take precautionary measures). Apply a thin and even layer. If necessary, apply a second layer. Excess material needs to be removed immediately. Then, allow the surface to dry. For slightly absorbent substrates (marble, granite) rub the substrate with a microfibre cloth. The impregnation is fully functional right after the curing period (24h-48h at 20°C substrate temperature). Depth curing time may vary. Protect the impregnated surface against water, dirt and frost during the curing period. Follow the substrate manufacturers instructions.

5. DOSAGE

Stone Coating 621 is supplied ready to use.
The coverage per litre is 10m²-20m² (application-specific).

6. INSTRUCTIONS FOR PRODUCT SUITABILITY

Please check the product suitability under realistic (production) conditions, in advance of an application and adjust the optimal dosing quantity during a suitability test. Please contact our technical service for an individual application/product advice.

We would be pleased to carry out a product validation in your production facility in close cooperation with you.

7. STORAGE

The instructions on the accompanying Safety Data Sheet (MSDS) must always be followed.

Stone Coating 621 should be stored in a dry and cool (max. 20°C), well ventilated place. Keep only in the tightly closed original container. Keep away from direct sunlight. **Stone Coating 621** can be kept for at least 24 months from the date of manufacture if stored appropriately. Keep out of the reach of children.

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8. SAFETY INSTRUCTIONS

The instructions on the accompanying Safety Data Sheet (MSDS) must always be followed. Please contact our technical service for the latest product documentation (TDS, MSDS).

9. TECHNICAL SERVICE

Our Application Department is available to answer technical questions on performance, use and chemical specifications. This technical information does not replace the accompanying Safety Data Sheet (MSDS). All technical information is based on practical experience. It is not generally obligatory as the practical conditions vary. Users should carry out their own tests. As the use of this product is beyond our control, we only accept liability for its consistent quality.

10. EMERGENCY TELEPHONE NUMBER

Medical Emergency Information in case of poisoning:

POISON INFORMATION CENTER DE-

MAINZ TEL.: +49 (0) 6131 - 19240

Advisory service in German and English language.

The information rest on the today's stand of our knowledge, they show in particular no assurance of product features and justify no contractual legal relationship. Customers must independently determine the suitability of our products for the customer's intended product, use or process. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts, in the sole responsibility of a customer. We reserve the right to make any changes according to technological progress or further developments. Subject to modifications and errors.