



The Chemical Company

SILKONAL® Masterseal® F 1340

Transparent Water Repellant Processed Material For Exterior Surfaces

Description of Product

SILKONAL® is a silane siloksan based transparent water repelling material that gives water repelling property to structure elements by processing to their surfaces.

Fields of Application

- In vertical applications on exterior coatings.
- On lowly absorbent surfaces like concrete, marble, granite and flagstone.
- On absorbent surfaces like brick, colored brick, gas concrete, travertine and limestone.
- In protection of historical artworks against atmospheric effects.

Advantages

- It is a colorless, transparent processed material with high penetration.
- Enables protection without changing the view of exterior coatings and without forming a film layer.
- Reduces negative effects of atmosphere by making surfaces of structure elements impermeable.
- Resistant to alkaline and UV rays.
- Water vapor permeable.

- Reduces heat loss and heating costs by keeping structure elements dry.
- Contains solvent.

Application Procedure

Surface Preparation

Application surface has to be strong, dry, bearing, dustless, and clean. Surface must be cleaned off all kinds of oil, grease, rust, algae, moss, and paraffin traces that can weaken adherence.

SILKONAL® is ready to use.
Do not add water under any circumstances.

Application

In first layer applications, **SILKONAL®** is applied by a brush, roll or by suitable spraying machine for maximum penetration. The second layer may be applied approximately after 4 hours. For maximum protection, an extra layer may have to be applied on very porous surfaces.

Coverage

Number of Application Layers	1 st layer	2 nd layer
2	0,40 liter/m ²	0,25 liter/m ²

Coverage may vary depending on surface absorption and roughness

Technical Data

Structure of the Material	Silane siloksan based solvent.
Color	Transparent
Application Ground Temperature	+5°C +25°C
Service Temperature	-20°C +80°C
Density	0.78 kg/liter
Drying Period	24 hours

Obtained in +23°C, 50% relative humidity conditions. Higher temperatures decrease the time, lower temperatures increase the time.



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Watchpoints

- Color may change or darken on some surfaces.
- Measures must be taken to protect plastic and decorative coatings, and plants.
- Surface view has to be tested in a small area before application.
- Product must not be applied on humid and wet surfaces.

Equipment Cleaning

All the tools and equipments must be cleaned by appropriate solvent after the application.

Packaging

5 liter tin.

Storage

Must be stored in unopened original packing, and in cool and dry environment protected from freezing. In short-term storing, maximum 3 palettes can be stowed on top of each other and delivery has to be according to first in first out system. In long-term storing, the palettes must not be stowed on top of each other.

Shelf Life

12 months after the production date under appropriate storing conditions.

Health and Safety Precautions

Classified as flammable liquids. Approaching warehousing and application areas by fire is hazardous. Warehousing and application areas have to be ventilated.

Work cloth, protective gloves, goggles and masks concordant with Work and Worker Health rules must be used during the application. Due to irritant

effects of the non-cured material, avoid contact to skin and eyes during storing and application. If such a contact occurs, it must be washed by soap and plenty of water. Consult a physician urgently if swallowed. Food and drink must be kept outside the application areas. Must be stored away from children. Please look at the Material Safety Data Sheet for detailed information.

Disclaimer

This information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, BASF Yapı Kimyasalları San. A.S. is only responsible from the quality of the product. BASF Yapı Kimyasalları San. A.S. cannot be hold responsible from the results caused by applications of the product not in accordance with the written suggestions of how and where to use the product and/or faulty applications. This technical document is valid until a new one is printed and abates the previous editions. 01/2008.

