

Verni-WRS

WATER REPELLENT SILOXANE

Description

Verni-WRS is a one component clear liquid based on silane/siloxane diluted with an aliphatic hydrocarbon. It reacts with atmospheric moisture or water in the substrate to generate the active ingredient which greatly lowers the water absorbency of the substrate but allows it to retain a high degree of water vapour permeability.

Features

- Deep penetration, greater than pure siloxanes
- Dries tack free
- Can be used on damp substrates
- Permeable to water vapour
- Has a high degree of alkali resistance
- Chloride ion resistant
- Can be overpainted
- Fast development of water repellency

Areas of application

Verni-WRS is used as a high quality general purpose water repellent in porous, absorbent building materials such as:

- As a primer for exterior paints
- All kinds of concrete
- Mineral plasters
- Cement fibreboards
- Sand-lime brickwork
- Brickwork
- Aerated concrete
- Mineral-based natural and artificial stone
- Mineral paints

Limitations

Verni-WRS is not suitable for rendering gypsum water repellent.

Application guidelines

1. Preparation

The surface to be coated must be clean and fully cured. It does not have to be dry, but a dry substrate will give better penetration.

Application

- Apply the Verni-WRS by brush, roller or spray
- If the first coat is fully absorbed, apply a second coat immediately
- Do not wait for the first coat to dry. Verni-WRS will react with moisture
- Containers must be properly re-sealed immediately after use
- A preliminary site test to determine porosity should be conducted, a third coat of material may be necessary.

Bill specification

Verni-WRS water repellent siloxane liquid applied to clients requirements as per the manufacturers specifications, Verni Speciality Construction Products (Pty) Ltd, Tel. +27 (0) 11 608 0995



Properties

Description	Clear colourless liquid silane / siloxane in an aliphatic hydrocarbon
Specific Gravity	0,8
Storage	Store in a cool dry area under cover, between 5°C and 30°C
Shelf Life	12 months in unopened container
Flash Point	33°C
Packaging	5 and 20 litre buckets. 200 litre drums
Spread rate	
Coverage	4-5m ² /litre/coat depending on porosity of substrate
Cleaning cleaner	Tools can be cleaned with Verni-Cleaner solvent based
Safety	The working area must be well ventilated Use safety goggles and PVC gloves Skin should be washed with soap and water Eyes should be immediately flushed with water for 10 - 15 minutes and a doctor consulted Over exposure - remove affected person to an open area and consult a doctor

Disclaimer

The information contained in this technical data book is to the best of our knowledge correct. We advise customers to satisfy themselves with the suitability of the product in their application. No guarantee is expressed or implied. Customers are further advised to ensure that this data book is up to date as the information contained herein may be updated without notice. Manufactured in accordance with ISO 9001/2 specification.

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