

COMPOSITION

Emulsion based on **silanes and modified polysiloxanes**.

USES

Water-repellent for manufacturing aqueous impregnations or base coats for mineral backgrounds

PROPERTIES

- ✓ Highly water-repellent
- ✓ Does not affect the water vapor permeability
- ✓ High early water resistance
- ✓ Creates strong beading effect
- ✓ Highly penetrating
- ✓ Low tendency to soil
- ✓ Prevents soluble salts from blooming

TECHNICAL DATA

- ✓ Appearance: milky, white, liquid
- ✓ Active ingredient: ca. 50%
- ✓ Specific gravity at 20 ca. 0.95 g/cm

APPLICATION

- **TR WR S-500** is an excellent impregnating agent for many mineral backgrounds, eg. Bricks, clinker, chalky sandstone, natural stone or mineral plaster.
- Depending on the absorptive power of the background, is diluted with water in a ratio of 1 : 4 to 1 : 9. Apply a uniform and rich coat of the dilution to the absorbent surface with a brush, roller or by flooding. To avoid omitted places, two applications wet-on-wet are possible.
- **TR WR S-500** can be added 0.1% to 1% of Dry weight of cement slurry to get water repellency in the final product such concrete brick and cement sheet.
- For creating hydrophobic base coats, combinations with hydrosols are recommended.
- For mass- waterproofing **TR WR S-500** avoiding blooming, we recommend an additional quantity of 0.1% 1.0%, related to cement.

STORAGE

- The product is sensitive to frost and heat and must not be stored at temperatures below 0° C or above 40° C. Irreparable damage is possible. In the case of suspected frost or heat
- Damage, the usability of the product has to be checked before processing.
- The product may change after prolonged standing (e.g. form creaming, sediment, separate). Please stir well before use

ATTENTION

The above recommendations are based on comprehensive studies and practical experience. They are, however, without liability regarding property rights of third parties and foreign laws. The user should test for him whether the product and the application are suited for his very special purposes. We are, above all, not liable for fields and methods of application which have not been put down by us in writing. Advice for marking regulations and protective measures can be taken from the respective safety data sheet.

 **WATER
REPELLENT****TR WR S-500**