

Hydrophobing agent

TEGO® Phobe 6600

DESCRIPTION

TEGO® Phobe 6600 is a formulation of a polysiloxane resin / silane-blend for waterborne impregnations and primers.

KEY BENEFITS

- applicable on neutral to slightly alkaline substrates
- provides deep substrate penetration
- provides a good water beading effect

EFFECT

Reduced water uptake



Water beading effect



Low tendency to pick up dirt



Early water resistance



SUITABILITY

| waterborne | solventborne |
|-------------|------------------|
| ● | ● |
| 2-pack 100% | radiation-curing |
| ● | ● |
| powder | |
| ● | |

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Architectural paints
- Wood coatings

TECHNICAL DATA

| | |
|-----------------------|---|
| active matter content | approx. 50 % |
| appearance | white liquid |
| chemical description | emulsion of a polysiloxane resin/silane-blend |
| solvent | solvent-free |

SOLUBILITY

For stability reasons emulsions may not be diluted by organic solvents.

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 5.0 - 25.0 %

PROCESSING INSTRUCTIONS

- Dilutions ready for sale should be protected with a preservative.
- For hydrophobic primers, a combination with acrylic hydrosols is recommended. The higher the absorption of the substrate, the higher the hydrosol content should be.
- For hydrophobic impregnations, the active matter content should be diluted to 5-25%.

HANDLING & STORAGE

When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 18 months from the date of manufacture.

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