

# TEGO® Phobe 1650

silicone resin hydrophobing agent

## Effects

	0	1	2	3	4	5
Hydrophobing	████████████████████					
Water beading effect	████████					
Low tendency to pick up dirt	████████████████████					
Early water resistance	████████████████████					

0 = unsuitable...5 = highly suitable

### Special features

Strong reduction of capillary water absorption using economical amounts. Low dirt pick-up, good early water resistance.

### Suitability for

waterborne	solventborne
●	○
2-pack 100 %	radiation-curing
○	○
clear coat	pigmented
○	●

● = suitable ... ○ = not suitable

### Area of application

silicone resin paints and plasters	silicate paints and plasters
●	●
emulsion paints and plasters	wood coatings
●	○
industrial coatings	
○	

● = suitable ... ○ = not suitable

### Recommended addition level

As supplied calculated on total formulation: 4 - 8 %

### Processing instructions

- Add the product to the grind before let-down.
- It is recommended that the product is used as supplied.

### Formulation advices

Combine with TEGO® Phobe 1505 or TEGO® Phobe 1401 to produce beading effect.

### Dilution

- Dilutable with water.
- The dilution has a limited storage stability.
- Due to stability reasons emulsion may not be diluted with organic solvents.

### Chemical description

emulsion of a modified polysiloxane resin

### Technical information

- |                        |              |
|------------------------|--------------|
| - appearance           | white liquid |
| - non-volatile content | approx. 50 % |
| - solvent              | water        |

### Registration status

TEGO® Phobe 1650 respectively its ingredients are listed in the following chemical inventories: ECL, EINECS, NDSL, TSCA, TCSI.

All intentional ingredients are listed on the TSCA inventory or comply with the TSCA Polymer Exemption criteria according 40 CFR 723.

Further information on regulatory topics can be found on the Regulatory Data Sheet.

All intentional ingredients are listed on the ECL inventory or comply with the Polymer Exemption criteria.

### Packaging

- plastic pail 25 kg
- plastic L-ring drum 200 kg
- container 1000 kg

### Storage stability

When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 12 months from the date of manufacture.

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