

Hydrophobing agent

TEGO® Phobe 1650

DESCRIPTION

TEGO® Phobe 1650 is a silicone resin emulsion for the efficient reduction of the capillary water uptake of coating formulations.

KEY BENEFITS

- strong reduction of capillary water absorption
- good early water resistance

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

TECHNICAL DATA

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

SOLUBILITY

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

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 4.0 - 8.0 %

PROCESSING INSTRUCTIONS

- Prior to use, mix briefly with low shear-forces.
- Addition to the coating as supplied or as a predilution is possible.
- Addition to the grind before let-down.

HANDLING & STORAGE

When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 24 months from the date of manufacture.

TYPICAL APPLICATIONS

Architectural paints

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com