Hydrophobing agent

TEGO® Phobe 1659

DESCRIPTION
TEGO® Phobe 1659 is a silicone resin emulsion for the very efficient reduction of the capillary water uptake of coating formulations.

KEY BENEFITS
- excellent reduction of capillary water absorption
- low dirt pick-up
- suitable for eco-label compliant coatings

EFFECT
- Reduced water uptake
- Water beading effect
- Low tendency to pick up dirt
- Early water resistance

SUITEMABILITY
- waterborne
- solventborne
- 2-pack 100% radiation-curing
- powder

not suitable partly suitable suitable

TECHNICAL DATA
- active matter content: approx. 55 %
- 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: 2.0 - 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 12 months from the date of manufacture.

MSDS & REGULATORY INFORMATION

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability on our part, including with respect 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 Resource Efficiency GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com