TEGO® Phobe 1409 is an amino-siloxane emulsion for the hydrophobization of coating formulations. It reduces the water uptake and generates a water-beading effect, even in paints with high pH value.

**KEY BENEFITS**
- suitable for eco-label compliant coatings
- provides high contact angles
- provides outstanding water resistance

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

**TECHNICAL DATA**
- active matter content: approx. 55 %
- appearance: white liquid
- chemical description: emulsion of an amino functional polysiloxane
- solvent: solvent-free

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

**RECOMMENDED ADDITION LEVEL**
As supplied calculated on total formulation: 1.0 - 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.

**TYPICAL APPLICATIONS**
- Architectural paints
- Wood coatings

**SUITABILITY**
- waterborne: suitable
- solventborne: partly suitable
- 2-pack 100% radiation-curing: suitable
- powder: not suitable

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Hydrophobing agent

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

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