

**DESCRIPTION**

TEGO® Phobe 1409 is an emulsion of an amino functional polysiloxane 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****SUITABILITY****waterborne****solventborne****2-pack 100%****radiation-curing****powder**

● not suitable ● partly suitable ● suitable

**TYPICAL APPLICATIONS**

- Architectural paints
- Wood coatings

**TECHNICAL DATA**

<b>active matter content</b>	approx. 55 %
<b>appearance</b>	white liquid
<b>chemical description</b>	emulsion of an amino functional polysiloxane
<b>solvent</b>	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 24 months from the date of manufacture.

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