

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

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.

MSDS & REGULATORY INFORMATION

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