

Hydrophobing agent

# TEGO® Phobe 1401 N

## DESCRIPTION

TEGO® Phobe 1401 N is an emulsion of an aminofunctional polysiloxane for the hydrophobization of coating formulations. It reduces water uptake and generates a water-beading effect.

## KEY BENEFITS

- provides high contact angles
- provides good 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. 50 %
<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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