

VARIPHOB AC 1107

Characterization	Water-repellent agent for aqueous coating systems
Chemical Structure	Aqueous emulsion of a polysiloxane
Appearance	Milky white liquid
pH-Value	6.0 ± 1
Concentration	50 % ± 1
Stabilities	<p>VARIPHOB AC 1107 is sensitive to frost; after the impact of temperatures below the freezing point irreversible changes can occur.</p> <p>The containers must be protected from direct sun radiation and keep from temperatures higher than 30°C.</p>
Storage	<p>In closed original containers at room temperature (approx. 23°C) the product will be stable for at least 12 months.</p> <p>Stirred before use.</p>

Properties

- Strongly reduces the capillary water absorption
- Increases the surface hydrophobicity and provides a good beading effect
- Low tendency to dirt pick-up
- Increases the early water resistance
- Free from organic solvents
- Easy to incorporate

Application Technique

Application Fields

VARIPHOB AC 1107 is especially recommended for pigmented formulations.

Preferred Application Fields:

- Dispersion paints and plasters
- Silicate paints and plasters
- Silicone resin paints and plasters

Recommendation for Use

We generally recommend adding 1.0 - 3.0 % VARIPHOB AC 1107 in aqueous coating systems related to the total formulation.

The optimal dosage has to be determined in pre-trials.

In aqueous coating systems, the product is added during or at the end of the production process.

For an improved water vapour permeability we recommend a combination with VARIPHOB AC 2537.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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