
VARIPHOB® AC 2530

Characterization	Water-repellent agent for aqueous coating systems
Chemical Structure	Aqueous emulsion of a silicone resin
Appearance	Milky white liquid
pH Value	6.0 ± 1.0
Concentration	50 % ± 1.5
Stabilities	<p>VARIPHOB® AC 2530 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>

The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

Properties

- Strongly reduces the capillary water absorption
- Improves the water vapour permeability
- Increases the surface hydrophobicity and provides a good beading effect
- Low tendency to dirt pick-up
- High durability in the final coating (the crosslinking character of VARIPHOB® AC 2530 prevents it from being washed out)
- Film-forming
- Easy to incorporate
- Improves crack bridging behaviour
- Free from cyclic silicones D4/D5/D6 (<0.1%)
- Free from MIT

Application Technique

Application Fields

VARIPHOB® AC 2530 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 4.0 - 8.0 % VARIPHOB® AC 2530 in aqueous coating systems related to the total formulation.

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

The product is typically considered a binder when calculating the pigment volume concentration due to its crosslinking character.

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

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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CHT GERMANY GMBH, P.O. Box 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, homepage: www.cht.com

CHT TURKEY KİMYA SAN. VE TİC.A.Ş., Akçaburgaz Mah. 3118. Sok. No:2 Esenyurt/İstanbul, Tel: +90 212 886 79 13, Fax:+90 212 886 93 47,

Email: info.turkey@cht.com