

Rheovis[®] HS 1303 EB

Product description	Rheology modifier
Key benefits	<div><div>■ Outstanding Newtonian rheology modifier (HASE) with strong high shear thickening</div><div>■ Balanced rheology modifier with excellent ICI contribution</div><div>■ Improved film built and hiding properties with roller and brush applications</div><div>■ Excellent spatter resistance</div><div>■ Excellent leveling and sag resistance</div><div>■ Improved anti-settling</div><div>■ Near zero VOC, APEO-free</div></div>
Chemical nature	Aqueous, acrylic polymer emulsion

Properties

Physical form	White liquid		
Technical data (not supply specification)	Solid content	ISO 3251, modified	~ 25 %
	Viscosity	ISO 2555, 25 °C	≤ 50 mPa.s
	pH value	DIN ISO 976, 25 °C	~ 3.0

Application

Rheovis® HS 1303 EB is a highly efficient, hydrophobically modified alkali swellable emulsion (HASE) rheology modifier with pronounced high-shear behavior for many aqueous paint and coating systems. It is especially suited for DIY wood paints but also for interior paints, exterior paints and other brush- and roller applications. Rheovis® HS 1303 EB is APEO-free and recommended for matt, satin, and semi-gloss finishes.

Rheovis® HS 1303 EB provides an excellent balance between KU and ICI viscosity and contributes to improved leveling and hiding power of the coatings.

Formulation guideline

1.0 - 3.5 % on total formulation.

We recommend determining the optimum level of Rheovis® HS 1303 EB by laboratory trials to achieve best performance.

It is recommended to adjust the pH of the final formulation to values from 8 to 10.

Storage

Keep container tightly closed and store in a cool, dry place. Protect from temperatures below 5 °C and above 40 °C. If stored at low temperatures, freezing of the product can irreversibly damage the product.

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Validity

This Technical Data Sheet is valid for all versions of the Rheovis® HS 1303 EB.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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