

Rheovis® AS 1125

general	rheology modifier
	<ul style="list-style-type: none">efficient acrylic thickener (ASE) with pronounced pseudoplastic (low-shear) flow behavior
chemical nature	aqueous polymer dispersion

Properties

physical form	white liquid (emulsion)						
storage	Rheovis® AS 1125 should be stored in a cool dry place. Store protected against freezing.						
typical properties (no supply specification)	<table><tr><td>solid content (DIN EN ISO 3251)</td><td>~ 25 %</td></tr><tr><td>pH value (DIN ISO 976)</td><td>~ 2.8</td></tr><tr><td>viscosity (DIN EN ISO 3219, 23°C, 250 1/s)</td><td><= 10 mPa·s</td></tr></table>	solid content (DIN EN ISO 3251)	~ 25 %	pH value (DIN ISO 976)	~ 2.8	viscosity (DIN EN ISO 3219, 23°C, 250 1/s)	<= 10 mPa·s
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Application

Rheovis® AS 1125 is an efficient acrylic thickener (ASE) with pronounced pseudoplastic (low-shear) flow behavior for many aqueous paint and coating systems. It offers performance highlights such as:

- excellent thickening efficiency
- pronounced pseudoplastic (low-shear) flow behaviour
- increased KU-viscosity
- prolonged open time
- reduced sagging
- reduced syneresis during storage
- excellent viscosity stability after tinting

recommended concentrations

1 - 3.5 % on total formulation.

We recommend to determine the optimum dosage level for Rheovis® AS 1125 by laboratory trials to achieve the desired performance.

Rheovis® AS 1125 should preferably be added at the final stage of manufacturing of the formulation. The liquid form of Rheovis® AS 1125 makes post addition comfortable. As a positive side effect, post addition offers the flexibility for viscosity adjustment from batch to batch. Provided efficient mixing equipment is available, Rheovis® AS 1125 can be poured directly into the mix. Should at any time the pH of the system fall below 7.5, additional alkali, ammonia or other bases should be added to reactivate the thickening mechanism. The usage of ammonia as neutralizing agent improves the water resistance property of the dry film.

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Validity

This Technical Data Sheet is valid for all versions of the Rheovis AS 1125.

Safety

When handling these products, 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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