

Rheovis[®] HS 1184

Product Description

Rheology modifier

Outstanding extreme low-shear to thixotropic rheology modifier for aqueous formulations. Especially suited for plasters and textures.

Key benefits

- Outstanding low shear rheology flow
- Low water absorption
- High efficiency, even at low dosages
- Improved anti-settling
- Excellent anti-sag resistance
- APEO-free

Chemical nature

Hydrophobic modified acrylic swellable copolymer emulsion (HASE) in water

Properties

Physical form

White liquid

Typical properties

(not supply specification)

Solids content		~ 30 %
pH (tal qual)	at 23°C	~ 3.0
Brookfield viscosity	at 23°C	<= 50 mPa.s

Application

Rheovis® HS 1184 is an outstanding rheology modifier for water based coatings with an extreme low-shear to thixotropic flow behavior.

Formulation guideline 0.50 – 1.5% on total formulation

It can be incorporated into the system as it is or as a pre-gel. As an example, to prepare a 2.5% gel of Rheovis® HS 1184, proceed as follows:

Water	97.5%
Rheovis® HS 1184	2.5%

It's recommended to adjust the pH to 9.0 – 9.5.

We recommend to add Rheovis® HS 1184 under stirring and determine the optimum level by laboratory trials to achieve best performance.

Storage

In his original sealed container, Rheovis® HS 1184 can be stored for a period of 6 months at room temperature in a ventilated area and protected from direct sun light. It is, however, sensitive to temperatures below 0°C.

To protect Rheovis® HS 1184 from microorganisms during its storage a biocide is added. Appropriate measures should be taken with regard to tank hygiene.

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Validity

This Technical Data Sheet is valid for all versions of the Rheovis® HS 1184

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.