

# Rheovis<sup>®</sup> AS 1920



## general

thickener and rheology-control agent

Rheovis<sup>®</sup> AS 1920 is a highly effective rheological control thickener for systems which are supplied as “dry systems” and require the addition of water for activation prior to their use. Typical application examples are plasters, wall finishes and cement.

## chemical nature

Rheovis<sup>®</sup> AS 1920 is a formulation based on an acrylamide copolymer.

The polymer provides the rheology-control effect through extensive swelling of the high-molecular-weight polymer in alkali, in the presence of water.

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## Properties

### physical form

white powder

### storage

When stored under the usual appropriate storage conditions, the product can be stored for 3 years.

### typical properties (no supply specification)

active content	> 90%
particle size	< 100 µm

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## Application

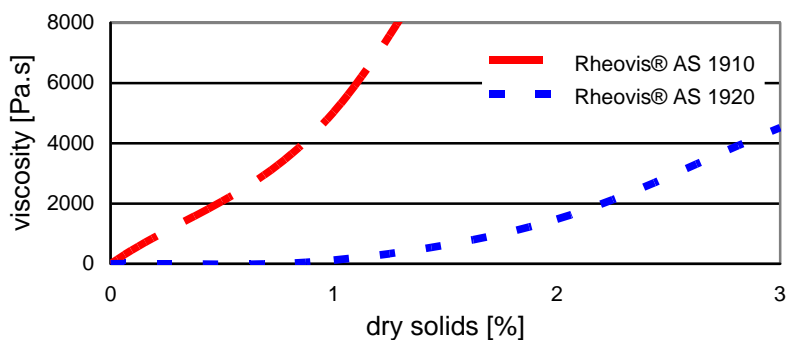
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Using Rheovis<sup>®</sup> AS 1920 allows the formulation of non-stringy systems which are easy to apply over a wide range of speeds and/or processes.

For the production of “dry systems”, Rheovis<sup>®</sup> AS 1920 is typically incorporated into the dry powder mix by a normal dry-blending operation. Upon wetting of such a “dry system”, a water-based paste/slurry is generated. After the addition of water, the strong thixotropic effect develops immediately, provided the pH of the system is always kept > 7.5.

Rheovis<sup>®</sup> AS 1920 is most effective in the wide pH range from 7.5 to 10.5.

Special attention should be paid to the preparation of formulations which are designed as storage-stable water-based systems.



### recommended concentrations

The amount of Rheovis® AS 1920 required for optimum performance should be determined in trials covering a concentration range.

“dry systems”, e.g., plasters, wall finishes and cement	0.2 – 1.5% on total formulation
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### 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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