

TECHNICAL DATA SHEET

RHEOTECH™ 4000 MB

60% Bio-attributed acrylic associative thickener for water-based systems

HASE Acrylic Thickener



80% bio-attributed through mass balance



Lower carbon footprint

TYPICAL CHARACTERISTICS

Nature	Acrylic associative thickener
Appearance	Low viscous white milky liquid
Solid Content (%)	30
Active Content (%)	30
pH	3
Specific gravity	1.06
Solvent	Water
Total Bio content (%)	60

DESCRIPTION

Rheotech™ 4000 MB is the Mass Balance version of the Rheotech™ 4000 LC with a Bio-attributed content of 60%. It allows a significant reduction of the product carbon footprint compared to its fossil version. Rheotech™ 4000 MB achieves exactly the same performance as the Rheotech™ 4000 LC and can be readily used and implemented as a direct drop-in.

STANDARD PACKAGING

- Other packaging may be available upon request
- 1000L IBC
 - 220L Drum
 - Bulk

HANDLING & STORAGE

It can be irreversibly altered by frost. It should be protected from the effects of weathering and stored between 5 and 40°C and protected from direct sun exposure. Once opened, packaging should be resealed immediately after use. Film-forming product, surface may dry in contact with air. A slight sedimentation can be visible at the bottom of drums or totes. This phenomenon is normal and has no impact on the use and level of performance as long as the solids content of the product meets the specification. If necessary, filter the product prior to its use. In these conditions, this product should be used within 6 months from delivery.

HEALTH AND ENVIRONMENTAL DATA

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

MARKETS

Coatings & Inks

- Graphic Arts
- Architectural Coating
- Industrial Coating

Adhesives & Sealants

- Assembly
- Other Adhesives
- Sealants

KEY BENEFITS

FORMULATION

- Cost in use
- Color acceptance
- Compatibility



STORAGE

- In-can appearance
- Syneresis resistance
- Antisettling
- Viscosity stability



APPLICATION

- Gunnability
- Brushability
- Rollability



FILM PROPERTIES

- Rub out
- Hiding power/Opacity
- Gloss



SAFER SOLUTIONS

- APEO Free*
- Heavy Metal Free*
- Solvent Free*

* Not intentionally added but not specifically measured (not part of product specification)

- Total Bio content (%) **60**

RHEOTECH™ 4000 MB

THICKENING MECHANISM

Non Associative
Self Association
Associative



VISCOSITY CONTRIBUTION

Mid Shear contribution
Low Shear contribution
High Shear contribution



PVC

PVC Low
PVC Mid
PVC High



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