

## TECHNICAL DATA SHEET

# RHEOTECH™ 4800

Acrylic associative thickener for water-based systems

## HASE Acrylic Thickener



25% Bio Carbon Content (only for EMEA supply)  
-22% Carbon Footprint Reduction (only for EMEA supply)

### TYPICAL CHARACTERISTICS

Nature	<b>Aqueous dispersion of an acrylic copolymer</b>
Appearance	<b>Low viscous white milky liquid</b>
Solid Content (%)	<b>30</b>
Active Content (%)	<b>30</b>
pH	<b>3</b>
Specific gravity	<b>1.06</b>
Solvent	<b>Water</b>
Total Bio content (%)	<b>25</b>

### DESCRIPTION

Rheotech™ 4800 is an associative acrylic thickener providing a pseudoplastic rheology profile. Rheotech™ 4800 provides your formulations high values viscosities at low shear together with a valuable appearance. Rheotech™ 4800 is part of the Rheotech™ x800 new thickener range

### STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- 200L 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. This product can be irreversibly altered by frost. Once opened, packaging should be resealed. 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

#### Composites & Advanced Materials

- Graphic Arts

#### Coatings & Inks

- Architectural Coating
- Industrial Coating
- Textile & Leather Coating

#### Building & Construction

- Construction Materials

#### Adhesives & Sealants

- Assembly
- Other Adhesives
- Sealants

### KEY BENEFITS

#### FORMULATION

- Color acceptance
- Cost in use
- Compatibility



#### STORAGE

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



#### APPLICATION

- Brushability
- Rollability
- Sag resistance



#### FILM PROPERTIES

- Rub out
- Hiding power/Opacity
- Gloss



#### SAFER SOLUTIONS

- APEO Free\*
- Heavy Metal Free\*
- LiCl Free\*
- MIT Free\*
- Solvent Free\*

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

• Total Bio content (%) **25**


## THICKENING MECHANISM

Non Associative   
Self Association   
Associative 

## VISCOSITY CONTRIBUTION

Low Shear contribution   
Mid Shear contribution   
High Shear contribution 

## PVC

PVC Low   
PVC Mid   
PVC High 

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