

# RHEOTECH™ 4800

Acrylic associative thickener for water-based systems  
**HASE Acrylic Thickener**

## 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>

## 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.

## MARKET

### Coatings & Inks

- Architectural Coating
- Graphic Arts
- Industrial Coating
- Textile & Leather Coating

### 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**



- **APEO free** Yes
- **Bacteria resistance** Yes
- **Heavy metal free** Yes
- **Solvent-free** Yes

## THICKENING MECHANISM

Non Associative  
Self Association



## VISCOSITY CONTRIBUTION

Low Shear contribution  
Mid Shear contribution



## PVC

PVC High  
PVC Mid

