RHEOTECH™

TECHNICAL DATA SHEET

RHEOTECH™ 4925

Acrylic associative thickener for water-based systems

HASE Acrylic Thickener

TYPICAL CHARACTERISTICS

Nature	**Aqueous dispersion of an acrylic copolymer**
Appearance	**Low viscous white milky liquid**
Solid Content (%)	**25**
Active Content (%)	**25**
pH	**3**
Specific gravity	**1.06**
Solvent	**Water**

DESCRIPTION

Rheotech™ 4925 is an acrylic associative thickener for water-based systems (also called HASE). It provides a pseudoplastic rheology profile and therefore enhance viscosities at low shear rates together with a valuable appearence. It is particularly efficient in systems with a very low binder content exhibits an outstanding behaviour towards coloring.

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

Adhesives & Sealants
- Assembly
- Other Adhesives
- Sealants

KEY BENEFITS

FORMULATION
- Color acceptance
- Cost in use
- Compatibility

STORAGE
- In-can appearence
- Syneresis resistance
- Antisettling
- Viscosity stability

APPLICATION
- Brushability
- Rollability
- Sag resistance

FILM PROPERTIES
- Rub out
- Hiding power/Opacity
- Gloss

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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ARKEMA