

Acrylic thickener for water-based systems

ASE Acrylic Thickener

Typical Characteristics

Nature	Aqueous dispersion of an acrylic copolymer
Appearance	Low viscous white milky liquid
Solid Content (%)	30
Active Content (%)	30
pH	3
Specific gravity	1.06
Solvent	Water

Description

Viscoatex™ 330 is a synthetic alkali swellable liquid, solvent free thickener for water-borne systems, effective to increase low shear viscosities as well as yield values. Its use in textured coatings stops sagging and gives a good body to the coating without decreasing brushability. In adhesives, particularly on vertical surfaces, it provides excellent resistance to movement immediately after application.

Recommended addition level

0.1 - 1.5 % as supplied based on total formulation weight.

Standard Packaging

Other packaging may be available upon request

- 1000L IBC
- 200L Drum
- Bulk

Handling & Storage

It should be protected from the effects of weathering; stored between 5 and 40°C and sheltered from direct sun exposure. This product can be irreversibly altered by frost. Once opened, packaging should be resealed immediately after use. In these conditions, this product should be used within 6 months from delivery.

Processing instructions

VISCOATEX™ 330 is designed to be used sole or in combination with various types of thickeners: cellulosic ethers, acrylic and polyurethane thickeners. It develops its thickening efficiency once the pH of the formulation is adjusted to 8-9. VISCOATEX™ 330 enables to adjust the medium and low shear rates viscosities of waterborne textured coatings accurately and contributes to improve the storage stability, the in-can appearance and the tool load. VISCOATEX™ 330 gives very good results when it is used in water-based adhesives (e.g. tiles adhesives): it provides a well-adapted rheology and ensures a quick and easy positioning of the tiles. VISCOATEX™ 330 is also recommended for the stabilization of mineral pigments concentrates (slurries): sedimentation tendency can be controlled while maintaining the apparent viscosity of the suspension lower than what can be obtained using current anti-settling agents.

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.

Adhesives & Sealants

- Assembly
- Other Adhesives
- Pressure Sensitive Adhesives
- Sealants

Coatings & Inks

- Architectural Coating
- Graphic Arts
- Industrial Coating

Key Benefits

Formulation

- Cost in use
- Easy handling
- Color acceptance

Storage

- Antisettling
- In-can appearance
- Syneresis resistance

Application

- Brushability
- Rollability
- Sag resistance

Film Properties

- Anticorrosion
- Hiding power/Opacity
- Rub out

APEO free: Yes

Bacteria resistance: Yes

Heavy metal free: Yes

Solvent-free: Yes

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	●●●●●