

## TECHNICAL DATA SHEET

# VISCOATEX™ 330

Acrylic thickener for water-based systems

## ASE 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

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.

### MARKETS

#### Composites & Advanced Materials

- Graphic Arts

#### Coatings & Inks

- Architectural Coating
- Industrial Coating

#### Adhesives & Sealants

- Assembly
- Other Adhesives
- Pressure Sensitive Adhesives
- Sealants

### KEY BENEFITS

#### FORMULATION

- Cost in use
- Easy handling
- Color acceptance



#### STORAGE

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



#### APPLICATION

- Brushability
- Rollability
- Sag resistance



#### FILM PROPERTIES

- Rub out
- Anticorrosion
- Stain resistance



#### SAFER SOLUTIONS

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

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

# VISCOATEX™ 330

## 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.

## 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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