

# VISCOATEX™ 100 S

Acrylic thickener in powder form

## ASE Acrylic Thickener

### TYPICAL CHARACTERISTICS

Nature	Acrylic copolymer
Appearance	Powder
Solid Content (%)	>96
Active Content (%)	>96
pH	3
Specific gravity	0.25

### DESCRIPTION

Viscoatex™ 100 S is a powerful acrylic thickener. The high viscosity formulations made with Viscoatex™ 100 S exhibit a smooth and easy flow. Primarily designed for water-based systems, it can also be used to thicken solvent based formulations such as alcohol gels or petroleum based solvent as long as it is used in combination with a polar solvent.

### RECOMMENDED ADDITION LEVEL

Trials must be made to find the proper neutralising agent, most often an amine. It will not function properly with a mineral neutralising agent such as sodium or potassium. VISCOATEX™ 100 S performances are affected by the ionic strength of the formulation and is not appropriate for salt containing formulations.

### STANDARD PACKAGING

Other packaging may be available upon request

- 25 Kg Bag

### HANDLING & STORAGE

VISCOATEX™ 100 S must be stored in a dry area. It is not frost sensitive, nevertheless we recommend to protect it from the effects of weathering, stored between 5 and 40°C. Once opened, packaging should be resealed immediately after use.

In these conditions, this product should be used within 12 months from delivery.

### PROCESSING INSTRUCTIONS

For water suspensions we recommend to introduce VISCOATEX™ 100 S into the formulation under mixing and by small successive amounts, trying to avoid agglomerates formation. After this step, the medium must be neutralized. Full neutralisation is at pH 8 – 9. It is possible to obtain a thickening effect from pH 5 to 10 by increasing the amount of thickener.

### 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
- Sealants
- Wet Glue Adhesive

### KEY BENEFITS

#### FORMULATION

- Cost in use
- Compatibility
- Easy handling



#### STORAGE

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



#### APPLICATION

- Brushability
- Rollability
- Sag resistance



#### FILM PROPERTIES

- Rub out
- Stain resistance



- APEO free
- Bacteria resistance
- Heavy metal free

Yes  
Yes  
Yes

### THICKENING MECHANISM

Non Associative  
Self Association



### VISCOSITY CONTRIBUTION

Low Shear contribution  
Mid Shear contribution



### PVC

PVC High

