

Solvent free liquid polyurethane thickener

HEUR Polyurethane Thickener

### Typical Characteristics

Specific gravity	1.03
Nature	Water soluble non ionic polyurethane
Appearance	Viscous whitish liquid
Solid Content (%)	20
Active Content (%)	17.50
pH	7
Brookfield viscosity (mPa.s)	4500
Solvent	Water

### Description

Coapur™ 3320 is a non-ionic, associative and solvent free rheology modifier providing a Newtonian behavior to water-borne systems. Coapur™ 3320 allows to adjust selectively high shear viscosities with a high efficiency and thus ensures excellent film build, spatter resistance and levelling together with flexibility of use.

### Recommended addition level

Its typical dosage is between 0.3 and 2.5% (as delivered on total formulation weight). It should be added at levels between 0.3 and 1.5% depending on the rheological profile of the co-thickener, when used in combination, or between 0.5 and 2.5% when used as sole thickener.

### Standard Packaging

Other packaging may be available upon request

- 1000L IBC
- 220L Drum

### Handling & Storage

It should be protected from the effects of weathering and stored between 5 and 40°C and sheltered from direct sun exposure. Once opened, packaging should be resealed immediately after use.

To be easily pumpable, it should be used at about 20°C.

In these conditions, this product should be used within 12 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 Coatex.

### Adhesives and Sealants

- Assembly
- Other Adhesives
- Pressure Sensitive Adhesives

### Coatings And Inks

- Architectural Coating
- Graphic Arts
- Industrial Coatings
- Textile And Leather Coating
- Traffic Paint

### Key Benefits

Formulation

- Post addition
- Ready to use
- Color acceptance

Storage

- Viscosity stability
- In-can appearance
- Syneresis resistance

Application

- Film build
- Spatter resistance
- Brushability

Film Properties

- Anticorrosion
- Levelling
- Rub out

Other

- APEO free
- Heavy metal free
- Solvent-free

### 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	●●●○○○