

Solvent free liquid polyurethane thickener

HEUR Polyurethane Thickener

### Typical Characteristics

Nature	<b>Water soluble non ionic polyurethane</b>
Appearance	<b>Viscous whitish liquid</b>
Solid Content (%)	<b>50</b>
Active Content (%)	<b>30</b>
pH	<b>6</b>
Brookfield viscosity (mPa.s)	<b>8000</b>
Specific gravity	<b>1.05</b>
Solvent	<b>Water</b>

### Description

Coapur™ 6050 is an associative polyurethane allowing fine rheological adjustment of flat or semi gloss paints. Coapur™ 6050 characterized by its thickening efficiency at low shear rate, is the logical complement to Coapur™ 3025.

### Recommended addition level

Use levels: 0.2% to 2% of dry product of total weight of formulation.

### 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.

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 us.

### Adhesives & Sealants

- Assembly
- Other Adhesives
- Sealants

### Coatings & Inks

- Architectural Coating
- Graphic Arts
- Industrial Coating
- Textile & Leather Coating

### Key Benefits

#### Formulation

- Ready to use
- Compatibility
- Easy handling

#### Storage

- Antisettling
- In-can appearance
- Viscosity stability

#### Application

- Sag resistance
- Sprayability
- Brushability

#### Film Properties

- Water resistance
- Anticorrosion
- Chemical resistance

<b>APEO free:</b>	Yes
<b>Bacteria resistance:</b>	Yes
<b>Heavy metal free:</b>	Yes
<b>Solvent-free:</b>	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	●●●●○