

# COAPUR™ 6050

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 weatheing and stored between 5 and 40°C and sheltered from direct sun exposure. Once opened, packaging should be resealed immediatly 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.

## MARKET

### Coatings & Inks

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

### Adhesives & Sealants

- Assembly
- Other Adhesives
- Sealants

## KEY BENEFITS

### FORMULATION

- **Ready to use**
- **Compatibility**
- **Easy handling**



### STORAGE

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



### APPLICATION

- **Sag resistance**
- **Sprayability**
- **Brushability**



### FILM PROPERTIES

- **Water resistance**
- **Anticorrosion**
- **Chemical resistance**



- **APEO free** Yes
- **Bacteria resistance** Yes
- **Heavy metal free** Yes
- **Solvent-free** Yes

## THICKENING MECHANISM

Non Associative Self Association



## VISCOSITY CONTRIBUTION

Low Shear contribution  
Mid Shear contribution



## PVC

PVC High

