# COAPUR™ 6050

Solvent free liquid polyurethane thickener

HEUR Polyurethane Thickener

**ADHESIVES AND SEALANTS**

**COATINGS AND INKS**

## Typical Characteristics

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

## Description

Coapur™ 6050 is an associative polyurethane allowing fine rheological adjustment of flat or semi gloss paints. Coapur™ 6050 characterised 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 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 Coatex.

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**Adhesives and Sealants**
- Assembly
- Other Adhesives
- Sealants

**Coatings And Inks**
- Architectural Coating
- Graphic Arts
- Industrial Coatings
- Textile And Leather Coating

### Key Benefits

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

Storage
- **Antisettling**
- **In-can appearence**
- **Viscosity stability**

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

Film Properties
- **Water resistance**
- **Anticorrosion**
- **Chemical resistance**

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 | ◆◆◆◆◇ |

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