

COAPUR™ 6050

Solvent free liquid polyurethane thickener
HEUR Polyurethane Thickener

TYPICAL CHARACTERISTICS

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

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 3 dark circles, 2 light circles
Self Association 3 dark circles, 2 light circles

VISCOSITY CONTRIBUTION

Low Shear contribution 5 dark circles
Mid Shear contribution 3 dark circles, 2 light circles

PVC

PVC High 3 dark circles, 2 light circles