COAPUR™ 3025

Solvent free liquid polyurethane thickener

HEUR Polyurethane Thickener

ADHESIVES AND SEALANTS

COATINGS AND INKS

Typical Characteristics

Specific gravity	**1.04**
Nature	**Water soluble non ionic polyurethane**
Appearance	**Viscous whitish liquid**
Solid Content (%)	**25**
Active Content (%)	**25**
pH	**7**
Brookfield viscosity (mPa.s)	**6000**
Solvent	**Water**

Description

Coapur™ 3025 is a solvent-free and APEO free pure associative polyurethane thickener (also called HEUR, NISAT or NSAT). It provides a pure Newtonian rheology to water-borne systems. It allow to adjust selectively high shear viscosities and thus ensures excellent film build, spatter resistance and leveling together with low dosage and flexibility of use.

Recommended addition level

It typical dosage is between 0.5 and 3% (dry it on total formulation weight). It addition should occur at levels between 0.5 and 1.5% depending on the rheological profile of the co-thickener, when used in combination or between 1 and 3% 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 expose. Once opened, packaging should be resealed immediatly after use.
To be easily pumpable, Coapur™ 3025 should be used 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
- Other Adhesives
- Pressure Sensitive Adhesives

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

Key Benefits

Formulation
- **Color acceptance**
- **Post addition**
- **Ready to use**

Storage
- **Viscosity stability**
- **In-can appearence**
- **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	●●●○○

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