COAPUR™ 520 W

Solvent-free liquid polyurethane thickener

HEUR Polyurethane Thickener

ADHESIVES AND SEALANTS

COATINGS AND INKS

Typical Characteristics

Specific gravity	**1.03**
Nature	**Water soluble non ionic polyurethane**
Appearance	**Viscous whitish liquid**
Solid Content (%)	**27**
Active Content (%)	**20**
pH	**8**
Brookfield viscosity (mPa.s)	**3000**
Solvent	**Water**

Description

Coapur™ 520 W is a solvent-free and APEO-free HEUR thickener. It provides a very balanced rheology profile contributing to high-shear viscosities and medium-shear viscosities. As a consequence it provides a very good leveling in satin paints and improve significantly spattering resistance while offering also some antisettling properties. Furthermore, it provides very good response and efficiency in VAE binders. This new polyurethane thickener could therefore easily replace the use of a combination of high-shear and low-shear thickeners.

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 expose. Once opened, packaging should be resealed immediatly after use.
To be easily pumpable, it 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
- Industrial Coatings
- Textile And Leather Coating

Key Benefits

Formulation
- **Compatibility**
- **Easy handling**
- **Post addition**

Storage
- **Viscosity stability**
- **In-can appearence**
- **Syneresis resistance**

Application
- **Spatter resistance**
- **Film build**
- **Brushability**

Film Properties
- **Levelling**
- **Rub out**
- **Water 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	●●●○○