
AGOCEL AC 6200

Characterization	Polyurethane polymer in water / butoxytriglycol
Chemical Structure	Non-ionic polyurethane, APE and organotin free
Supplied Form	White – light beige liquid
pH Value	6.0 – 7.0
Ionic character	Non-ionic
Specific Weight at 20 °C	Approx. 1.02 g/cm ³
Stabilities	AGOCEL AC 6200 is very sensitive to frost. After the impact of temperatures around the freezing point irreversible changes occur.
Storage	Store in cool and dry condition in tightly closed original containers. We recommend not exceeding a storage time of 12 months. Opened containers have to be reclosed well.

Properties

Agocel AC 6200 is designed as an "associative thickener" which builds up and stabilizes viscosity by forming a network between polyurethane, binder molecules and pigment particles. It provides a pseudoplastic rheological behaviour.

In general properties are ;

- designed to improve the application and hiding properties of emulsion paints and adhesives
- low /mid shear thinning
- excellent brush handling
- very good scrub and scuff resistances
- good flow, leveling and gloss
- good spatter resistance
- very good colour acceptance on tinting

Application Technique

Fields of application

Agocel AC 6200 is recommended for all paints where excellent rheological properties are important. The main applications are interior and exterior paints which require excellent brush and roller application properties.

Agocel AC 6200 can be combined with other thickeners such as low molecular-weight cellulose derivatives or acrylic thickeners to improve application and storage properties.

Recommendation for use

AGOCEL AC 6200 can be directly stirred into the formulation to be thickened. It may be used during formulating as well as a post additive.

Please take care that everything is thoroughly stirred and homogenized.

Related to total recipe, the usage amount of AGOCEL AC 6200 is recommended:

A dosage of 0.1 – 2.0% calculated on total formulation

The product normally has a good compatibility with the components used in water-based systems. However, the thickening effect of polyurethane thickeners can be affected by many factors such as binder type, co-solvents, surfactants / wetting agents, pigments and smoothing agents. The interactions of Agocel AC 6200 with these compounds should be controlled and the use of different proportions should be tried on recipe.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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