UNIQ®VIS 820 W

Rheology additive

UNIQ®VIS 820 W Liquid rheology additive ,suitable for water soluble, dispersion, emulsion and other resin systems .The additive creates highly thixotropic flow behavior and consequently improves the anti-sagging and anti-settling properties. The additive can also be added later, suitable for water, water and alcohol ether, alcohol solvent mixture system.

Special Features

- Water base system
- Improve anti-sagging
- Excellent anti-settling
- Not influence leveling

Application

Epoxy resin system	■
Polyurethane resin system	■
Acrylic resin system	■

highly recommended ■
recommended ❑

Product Specification

Composition	Solution of modified urea
Color	MAX.17
Active ingredient	50.0 %
Density 20°C	1.10 g/cm³
Solvent	NMP
Appearance	Yellowish liquid

Addition levels

Coating:
0.2-1% anti-settling
0.5-2% anti-sagging

The above recommended levels can be used for orientation and needs to be optimized by testing.

Incorporation and Processing Instructions

The additive should be added in the coating while stirring using moderate shear forces to ensure a homogeneous and quick distribution. It is not necessary to specifically control the temperature. The additive can be added into the millbase and is also suitable for adjusting the viscosity afterwards by incorporating it as a post-additive. If the additive is suitable for the system, its rheological effectiveness builds up, dependent upon time and polarity, and can generally be evaluated 2 to 4 hours after incorporation.

Special Note

If used with driers (siccatives), discoloration may occur due to the formation of metal complexes. The rheological effectiveness should then be tested.

Packaging

- 25 kg
- 180 kg

Shelf life

UNIQ®VIS 820 W moisture sensitive. Store dry. Slight turbidity would occur when at low temperature, no influence to rheological effectiveness. When kept in an original unopened container, it will keep up to 1 year from the date of manufacture. During storage, color darkening may occur, which does not affect its performance.

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