

DISPOL E18

Dispol E18 is a highly effective APEO-free additive especially designed to perform as compatibilizer in low VOC water-borne paints and solvent-borne alkyd paints, and to improve TiO₂ wetting on high PVC water-borne paints.

	Unit	Value	Method
Sales Specifications			
Active content in water	%	80	-
Viscosity	cPs	270	ISO 2555, Brookfield RVT; spindle 1; 20 rpm; 20 °C
pH (1% in water)		6.0 – 8.0	DIN 1262
Typical Properties			
Appearance	-	Clear liquid	-
Odor	-	-	-
Solubility	-	Completely miscible with water	-
Density	g/cm ³	approx. 1.05	ISO 51557
Crystallization temperature	°C	< 5	-

Applications/Uses

Low PVC solvent-borne alkyd paints
 Water-borne decorative paints

Construction adhesives and sealants
 Paper adhesives

Benefits

Excellent efficiency
 Tinting strength improvement
 Rub – out elimination

Shorter grinding time
 Improved wetting of adhesives on hydrophobic surfaces

Formulation/Dosage notes

Dispol E18 can be added during the premixing phase or as a post additive in low PVC solvent-borne paints at 0.4% – 0.7% on total formulation.

In low PVC water-borne paints Dispol E18 can be added during the premixing phase or as a post additive at 1.3% – 1.9% w/w and in high PVC water-borne paints the is recommended usage is in the premixing phase at 0.1% – 0.5% w/w, on total formulation.

Dispol E18 can be added in adhesives at 0.1% – 0.2% w/w, calculated on total formulation.
 Nevertheless, lab-scale testing is always recommended for optimum addition percentage.

Storage/Handling

Dispol E18 should be stored in a dry and well-ventilated indoor area. Under these conditions, a storage stability of 24 months can be expected.

This sheet is to be read in conjunction with its corresponding Safety Data Sheet (SDS).

Packaging

Dispol E18 is available in 25kg jerrycan, 200kg drum and 950kg IBC.

Contact

Please contact info@acro-pol.com or T: +30 210 620 2222.

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