

Wetting and dispersing additive

TEGO® Dispers 747 W

DESCRIPTION

TEGO® Dispers 747 W is an anionic wetting and dispersing additive for waterborne architectural formulations. Wets and stabilizes iron oxides with very effective viscosity reduction. Enables high pigment loadings with inorganic pigments and is able to stabilize organic pigments. As a dispersant in base paints, it shows excellent color acceptance.

KEY BENEFITS

- high pigment loadings due to outstanding viscosity reduction
- high color strength and excellent color acceptance
- solvent-free and label-free

EFFECT

Viscosity reduction with organic pigments/carbon blacks



Color intensity/gloss with organic pigments/carbon blacks



Viscosity reduction with inorganic pigments/fillers



Color intensity/gloss with inorganic pigments/fillers



SUITABILITY

waterborne	solventborne
●	●
2-pack 100%	radiation-curing
●	●
direct grind	resin-containing pigment concentrates
●	●
resin-free pigment concentrates	universal pastes
●	●

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Pigment concentrates
- Architectural paints

TECHNICAL DATA

acid value (as supplied)	Approx. 2 mg KOH/g
active matter content	approx. 35 %
appearance	clear to slightly hazy liquid
chemical description	aqueous solution of a copolymer with groups of high pigment affinity
solvent	water

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Butylacetate
●	●
Mineral Spirits	
●	

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 15.0 - 40.0 %
Recommended addition level for co-grind: 0.3 - 2.0 %

PROCESSING INSTRUCTIONS

- Add to the grind before dispersion.
- In case of foam build-up during dispersion, use a highly effective but also compatible defoamer concentrate (for example, TEGO® Foamex 8050).

HANDLING & STORAGE

When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 24 months from the date of manufacture.

MSDS & REGULATORY INFORMATION



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