

Comprehensive Additive Range for TiO₂ Pigment Concentrates

Choosing a suitable additive for your requirements



As there is currently no alternative to the white pigment titanium dioxide for paints and coatings, Evonik Coating Additives are offering a broad range of Additives to support your TiO₂ Pigment Concentrates.

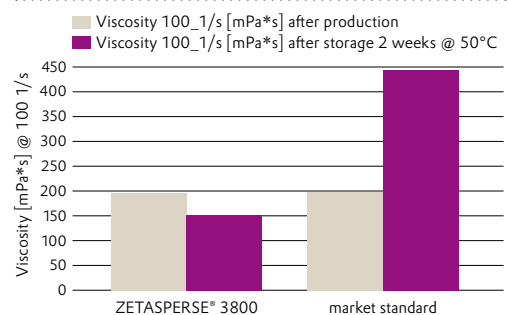
TiO₂ Pigment Concentrate as Allrounder with high performance

TEGO® Dispers 750 W and ZETASPERSE® 3800

- very good viscosity reduction and storage stability
- very low influence on paint properties
- solvent free & labelling free
- addition 4-6 % additive solid on pigment



4% Additive solid on 70% Pigment PW 6 Kronos 2310



TiO₂ Pigment Concentrate for Waterborne & Universal Colorants Architectural Paints

TEGO® Dispers 653

- suitable for interior and exterior facade coatings
- recommended for base paints & pigment concentrates
- solvent free & labelling free



TiO₂ Pigment Concentrate as LOW VOC Solventborne

TEGO® VariPlus LK and TEGO® Dispers 676

- very low VOC formulation (approx. 150g/l)
- stable for 4 weeks at 50°C without settling
- universally compatible



PRODUCT	AMOUNT
Butyl acetate	5.3
TEGO® Dispers 676	2.5
TEGO® Dispers 656	0.7
TEGO® VariPlus LK	21.5
Kronos 2310	70.0
TOTAL	100.0
Additive solid on pigment [%]	4.0
Resin solid on pigment [%]	28.6
VOC (calculated) [g/l]	150.6

TiO₂ Pigment Concentrate for Nonpolar Systems

TEGO® Dispers 1010

- outstanding viscosity reduction with inorganic particles
- especially for low polarity solvents
- solvent-free, 100% active and liquid
- gives lowest and stable particle size



PRODUCT	PW 6
Alkyd resin	17.5
TEGO® Dispers 1010	3.5
White spirit	9.0
PW 6	70.0
TOTAL	100.0
Additive solid on pigment [%]	5.0
Resin solid on pigment [%]	20.0

Defoamers and Rheology modifiers for optimization of formulation

Defoamer waterbased

TEGO® Foamex 830	gentle defoamer
TEGO® Foamex 810	balanced efficiency
TEGO® Foamex 8050	strong defoamer

Anti-settling waterbased

AEROSIL® R 972	hydrophobic fumed silica
AEROSIL® 200	hydrophilic fumed silica
AEROSIL® COK 84	hydrophilic fumed mixed oxide



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