

# 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

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

## SOLUBILITY

<b>Water</b>	<b>Ethanol</b>
●	●
<b>TPGDA</b>	<b>Butylacetate</b>
●	●
<b>Mineral Spirits</b>	
●	
● not soluble ● partly soluble ● suitable	

## 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, the product has a shelf life of 36 months from the date of manufacture.

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