

Wetting and Dispersing Additive

SURFADIOLS 755W

(Alternative to TEGO Dispers 755W)

SURFADIOLS 755W is a polymeric high-performance wetting and dispersing additive for waterborne formulations. Suitable for all kinds of pigments. With organic pigments, the outstanding stabilization and viscosity reduction can be observed. Low influence on coating properties, therefore suitable for exterior applications in industrial and transportation coatings. Solvent-free.

Typical properties

Appearance	Yellow clear liquid
Composition	High molecular weight block copolymer solution
Active ingredient content	50%
Solvent	Water
Acid value	10-25mg KOH/g
Density (25 °C), g/cm ³	1.005-1.100
Viscosity	200-800mpa.s
pH value	6-7

Special properties

- Effective stabilization of all kinds of pigments, even critical organic pigments
- Viscosity reduction with organic pigments, carbon blacks and inorganic pigments/fillers
- Color intensity with organic pigments, carbon blacks and inorganic pigments/fillers
- Minimal impact on coating properties
- Suitable for resin-free and resin-containing pigment concentrates
- Solvent free

Scope of application

The additive is suitable for water-based systems:

Pigment concentrates	Architectural coatings
Industrial coatings	Automotive coatings
Wood and furniture coatings	Anti-corrosion coatings
Printing inks	

Incorporation and Processing Instructions

In order to obtain performance, the additive needs to be slowly added with stirring to the mixture of grinding resin, co-solvent or resin emulsion.

When used for resin-free pigment concentrate, the additive shall be mixed evenly with water before adding the pigment, and the pigment shall be added after the additive is fully dispersed.

Recommended Levels

As supplied calculated on inorganic pigment: 10% - 20%

As supplied calculated on organic pigment: 15% - 30%

As supplied calculated on titanium dioxide: 2% - 5%
As supplied calculated on carbon black: 30% - 100%

Package and storage

The material is available in 200kg drums and 25kg pails.

Keep containers tightly closed in a dry, cool, and well-ventilated place.

When stored in an original unopened packaging, the product has a shelf life of 12 months from the date of manufacture.