DISPERBYK-2060

Wetting and dispersing additive for aqueous and glycol-containing inorganic pigment concentrates to color aqueous and solvent-borne architectural coatings. Also particularly suitable for effect pigment slurries.

Product data

Composition
Solution of a copolymer with pigment-affinic groups

APEO-free

Typical properties
The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C):	1.09 g/ml
Active substance:	> 95 %
Solvents:	Water
Acid value:	5.1 mg KOH/g

Applications

Coatings industry

Special features and benefits
Using DISPERBYK-2060, aqueous and glycol-containing pigment concentrates can be produced. The additive is particularly suitable for inorganic pigments and carbon blacks. These pigment concentrates are used as binder-free universal colorants to color aqueous and solvent-borne coating systems, predominantly for the architectural coatings field. The pigment concentrates based on DISPERBYK-2060 display a broad compatibility in the most diverse coating systems. These include aqueous alkyd resins or alkyd resin emulsions, acrylate, vinyl acetate, siloxane resin and polyurethane dispersions (blends, e.g. alkyd/polyurethane), and solvent-borne long oil alkyd coatings, even those that are aromatic-free and high solids, and thermoplastic acrylic resin systems (TPA). In addition to exceptional color strength and excellent rub-out properties, pigment concentrates with DISPERBYK-2060 display no negative influence on the coating viscosity or the drying behavior. DISPERBYK-2060 also stabilizes effect pigments in aqueous slurries, which are used in automotive coatings and other industrial coatings. The additive contains no alkylphenol ethoxylates.

Recommended use

VOC-free pigment concentrates	■
Glycol-containing pastes	■
Aqueous pigment concentrates	■
Aqueous coatings	□
Effect pigment slurries	■

■ especially recommended □ recommended

Recommended levels

Amount of additive (as supplied) based upon pigment:

Inorganic pigments:	3–12 %
Titanium dioxide:	1–3 %
Carbon black:	20–50 %
Effect pigments:	2–5 %

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

Stir before use. For optimum performance, the additive must be incorporated into the millbase before the addition of pigments. Simply pre-mix the water and additive. In all cases, only add the pigments when the additive has been thoroughly distributed.

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