

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.

Acid value: 5 mg KOH/g

Active substance: > 95 %

Density (20 °C): 1.09 g/ml

Solvents: Water

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.






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 dioxides: 1-3 %
Carbon blacks: 20-50 %
Effect pigments: 2-5 %

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

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.



Additive Guide



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