

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.



**Your local
contact**

BYK-Chemie GmbH
 Abelstraße 45
 46483 Wesel
 Germany
 Tel +49 281 670-0
 Fax +49 281 65735

info@byk.com
www.byk.com

ADD-MAX®, ADD-VANCE®, ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK-AQUAGEL®, BYK-DYNWET®, BYK-MAX®, BYK®-SILCLEAN®, BYKANOL®, BYKCARE®, BYKETOL®, BYKJET®, BYKO2BLOCK®, BYKONITE®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFAK®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, MINERPOL®, NANOBYK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, POLYAD®, PRIEX®, PURABYK®, PURE THIX®, RECYCLOBLEND®, RECYCLOBYK®, RECYCLOSSORB®, RECYCLOSTAB®, RHEOBYK®, RHEOCIN®, RHEOTIX®, SCONA®, SILBYK®, TIXOGEL® and VISCOBYK® are registered trademarks of the BYK group.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions.