

Press Release

BYK portfolio extended by a more environmentally friendly, alkali-resistant wetting and dispersing additive for aqueous systems

Wesel, July 14, 2026 – With [DISPERBYK-2180](#), BYK has introduced a new wetting and dispersing additive for inorganic pigments and fillers in aqueous systems. The polycarboxylate-ether-based additive is designed for applications requiring a high degree of stability across a wide pH range.

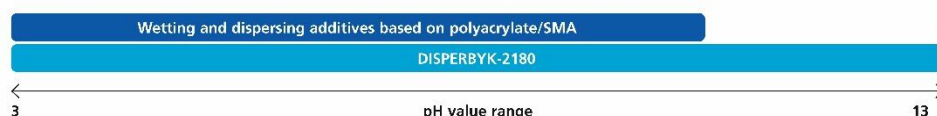


Fig. 1: Area of application for DISPERBYK-2180 (click on the image to download)

The polycarboxylate-ether-based structure of [DISPERBYK-2180](#) opens up further formulation opportunities and meets the growing importance of ecological demands. Due to its tolerance of extreme pH values, the additive is ideal for use in biocide and VOC-free architectural coatings - such as (dispersion) silicate paints.

Its molecular structure with a high concentration of ionic adhesive groups allows [DISPERBYK-2180](#) to be particularly effective in deflocculating and stabilizing of all kinds of inorganic particles such as titanium dioxide, transparent iron oxides and fillers.

The additive also ensures a distinct reduction in mill base viscosity, thereby permitting high pigment dosages and, at the same time, good processability. Fine particle sizes and a uniform distribution of particles are achieved resulting in a extremely positive effect on color and transparency.



Test system: aqueous resin-free grind, 16 % pigment load (TiO₂), 49 % filler load

Additive dosage: 1 % (solid on pigment)

Fig. 2: Excellent viscosity reduction with DISPERBYK-2180 (click on the image to download)

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Contact
Julia Kleist
Global Communications
Tel +49 281 670-25008
Julia.Kleist@altana.com

Julia von Lehmden-Finmans
Global Communications

Sven Kremser
Head of Global Communications

Communication.BYK@altana.com

BYK-Chemie GmbH
Abelstrasse 45
46483 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735
info@byk.com
byk.com

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[DISPERBYK-2180](#) is suitable for a wide range of applications, including architectural coatings, wood and furniture coatings, industrial coatings, and automotive OEM and refinish coatings. Besides these, the additive is also deployed in marine coatings, in corrosion protection, and in printing inks and inkjet inks.

The underlying polycarboxylate-ether structure thus extends the available spectrum of potential solutions for the dispersion of inorganic pigments and fillers.

BYK is a leading global supplier of specialty chemicals. The company's innovative additives and differentiated solutions optimize product and material properties as well as production and application processes. Amongst other things, BYK additives improve scratch resistance and surface gloss, the mechanical strength or flow behavior of materials, and properties such as UV- and light stability or flame retardancy. In the field of quality assurance, BYK's measuring and testing instruments serve to effectively assess appearance and physical properties.

The company's customers include manufacturers of coatings and printing inks, plastics, adhesives and sealants, as well as cleaners, floor coatings, and lubricants. BYK additives are also successfully used in the construction chemistry, oil and gas, and foundry industries.

BYK has a global network of subsidiaries and operates production sites in Germany (Wesel, Kempen, Schkopau, Moosburg, Geretsried), the Netherlands (Deventer, Denekamp, Nijverdal), and the UK (Widnes), in the USA (Wallingford, Chester, Columbia, Earth City, Gonzales, Louisville, Pittsford), and in China (Shanghai, Tongling).

The company is part of the ALTANA Group and employs a workforce of approximately 2,700 people worldwide.

This press release is also available on the Internet at www.byk.com/press

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