

Press release

New BYK products win Ringier award

Wesel/Shanghai, September 1, 2020 – [BYK-3480](#) and [BYK-3481](#), both of which have perfect properties for significantly reducing static surface tension and defoaming in water-based systems, were recently honored by Ringier with the “Ringier Technology Innovation Award 2020” in the “Coatings Industry” category.

Worldwide, the invariable trend in all applications is more and more towards water-based and low-VOC coating systems. Increasingly, the challenge is to branch out in the field of general industrial coatings with high gloss and low film build on mostly non-polar substrates. In addition, the aim is to allow for good surface wetting on metal substrates which are often impure or even have oily contaminations. [BYK-3480](#), especially recommended for pigmented systems, and [BYK-3481](#), ideally suited for clear coats, provide the perfect product profile in water-based systems to fulfil these requirements.

Compared to traditional silicone surfactant-based products, these two BYK additives are silicone surfactants for water-based systems with good defoaming properties. They can be used in any aqueous system, e.g. two-pack PU, two-pack epoxy, styrene acrylic emulsions, water-based baking systems, water-based UV systems. The two additives thus offer a balanced property package: defoaming, substrate wetting, and leveling at the same time.

After receiving the award, He Ji Dong, BYK Greater China Business Line Manager Paint Additives, commented on the accolade: “In response to the increased demands posed by the need for compliance with legal provisions and by environmental concerns, the coatings industry is speeding up efforts to develop water-based, low-emission, and other forms of environmentally friendly systems. There is therefore huge potential in the demand for water-based products with unique properties. And both [BYK-3480](#) and [BYK-3481](#) are examples of how such demands can be met.”



He Ji Dong at the award ceremony in Shanghai

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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, Moosburg, Schkopau), the Netherlands (Deventer, Nijverdal), and the UK (Widnes), in the USA (Wallingford, Chester, Gonzales, Louisville, Rochester Hills), and in China (Tongling, Shanghai). The company is part of the ALTANA Group and employs a workforce of more than 2,300 people worldwide.

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

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