

## Press Release

### New End-Use Brochures of BYK-Gardner: QC Solutions for Coatings

Geretsried, June 04, 2018

BYK-Gardner, a global leader in the field of measuring color, appearance and physical properties announces new publications focusing on QC solutions for specific end-use markets like coatings, plastic and cosmetics.

Coatings are fascinating. Not much thicker than a human hair, they combine a variety of functions. Besides their protection behavior and a perfect finish, they are expected to retain their good look and properties over a long time. Consistent and uniform quality are of particular importance when parts are manufactured in different production sites. The challenge is to find appropriate measurement procedures to guarantee defined quality over the entire production chain.

BYK-Gardner's new end-use brochure, "QC Solutions for Coatings" covers in an appealing way the various aspects of paint testing, gives valuable information and hints for daily work in the lab or production site. The first section of the brochure describes the technical theory behind each method. How to define a "Honey Yellow" and what is the meaning of metamerism? Color measurement of solid and metallic colors, flop index and sparkle evaluation is explained in a compact and easy to understand way. How does paint appear under different illumination angles or distances, and how does this correlate to gloss, DOI and orange peel measurement? How can I control curing conditions in the baking process, to assure optimum mechanical and decorative quality? Theory, customized to coating needs, is combined with typical applications including useful measurement techniques and best practices. Typical measurement needs with practical examples of the various coating applications from raw materials to architectural and decorative paints, industrial and wood coatings are described in detail. At the end of the brochure, you will find an overview of the BYK-Gardner solution for the coatings industry.



The QC Solutions for Coatings brochure is available in a variety of different languages. Please contact Customer Service of BYK-Gardner GmbH, P.O. Box 970, 82534 Geretsried, Germany, or by fax: +49/8171/3493-140 or via the free service no. 0-800-gardner (0-800-4273637).

BYK is one of the world's leading suppliers in the field of additives and measuring instruments. Additives are chemical substances which, when used in small quantities, improve product properties such as scratch resistance or surface gloss. Manufacturing processes are also optimized by the addition of additives.

The coatings, inks, and plastics industries are among the main consumers of BYK additives. Yet with the production of oil and gas, the manufacture of care products, the production of adhesives and sealants, and construction chemistry, too, BYK additives improve the product characteristics and production processes. Testing and measuring instruments from BYK can effectively evaluate the quality of color, gloss, and appearance as well as the physical properties of paint, plastic, and paper products and are an important part of quality control.

As a globally operating specialty chemicals company, BYK has production sites in Wesel, Kempen, Moosburg, Schkopau and Geretsried (Germany), Deventer, Denekamp and Nijverdal (Netherlands), Widnes (UK), Wallingford, Chester, Gonzales, Louisville, Rochester Hills, Earth City (USA) and Tongling (China).

Today the company employs around 2,200 people worldwide and forms part of the ALTANA Group.

This press release is also available on the Internet at [www.byk.com/press](http://www.byk.com/press).

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**Contact**

Carola Sylvia Gaulke  
Public Relations  
Tel +49 8171 3493-162  
Fax +49 8171 3493-140  
[Carola.Gaulke@altana.com](mailto:Carola.Gaulke@altana.com)

**BYK-Gardner GmbH**

Lausitzer Strasse 8  
82538 Geretsried  
Tel +49 8171 3493-0  
Fax +49 8171 3493-140  
[info.byk.gardner@byk.com](mailto:info.byk.gardner@byk.com)  
[www.byk.com](http://www.byk.com)