

DISPERBYK-2015

Wetting and dispersing additive for water-based, colored protective systems

Water-based direct-to-metal coatings are becoming increasingly important in today's market. Among other things, this trend calls for the use of organic pigments to achieve brilliant color shades. In addition to the high-quality visual requirements, the functionality of the coating, e.g. corrosion resistance, must be maintained at the same time.

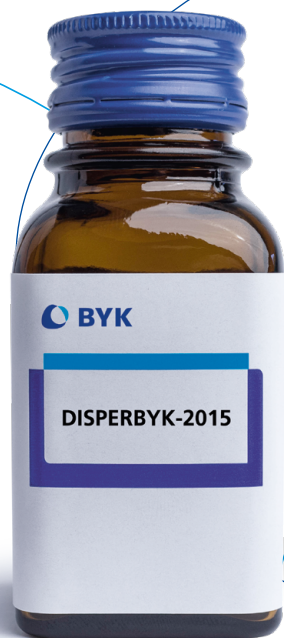
DISPERBYK-2015 offers exactly this maximum performance and fulfills the balance between visual and functional properties. In addition, it shows particularly strong viscosity reduction, excellent storage stability and wide applicability.

DISPERBYK-2015 in water-based protective systems

Well balanced: Appearance and functionality

General properties

- Excellent color development
- High gloss level
- Excellent stabilization of organic and inorganic pigments
- Superb reduction of the viscosity - high pigment loading possible
- VOC-free (< 1500 ppm)

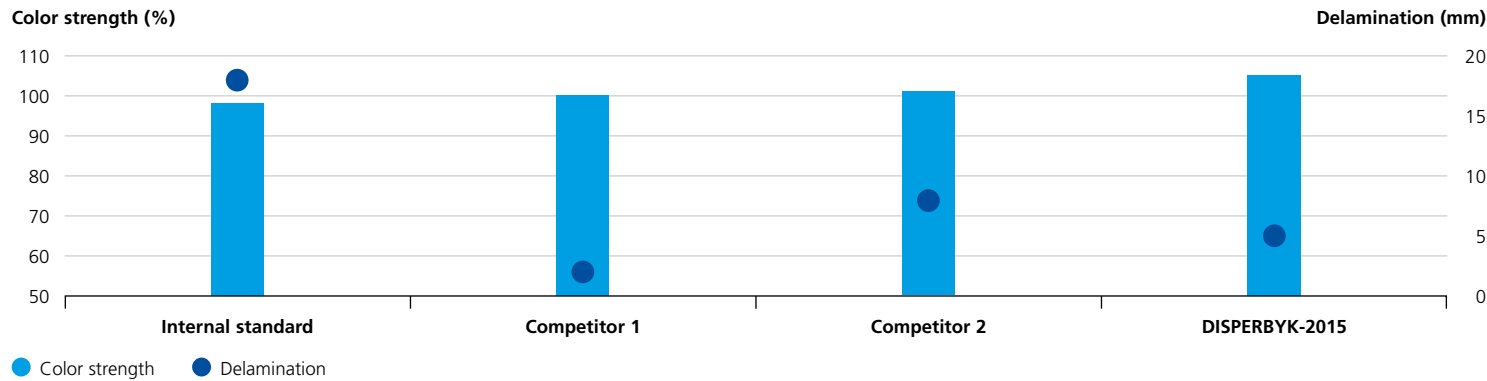


Functional performance

- Low water sensitivity
- Minor influence on corrosion resistance
- Broad system compatibility in water-based DTM coatings and primers



Delamination vs. color strength – Pigment concentrate based on PG 36 tinted in water-based acrylic DTM coat



DISPERBYK-2015
High color strength,
less delamination

Corrosion test – Co-grind in water-based 2-pack epoxy primer



DISPERBYK-2015
in co-grind: excellent
corrosion resistance

Substrate: smooth steel; Dry film thickness: 70 µm; Drying: 7 d ambient; Duration: 480 h

BYK-Chemie GmbH
Abelstraße 45
46483 Wesel
Deutschland
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®, BYKOZBLOCK®, BYKONITE®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFK®, 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.

