



Silicone based surface active agent to improve leveling and substrate wetting in water based and water soluble systems

50 % active ingredient in dipropylene glycol monobutylether

Description

Borchi® Gol LA 50 is a flow, leveling and substrate wetting agent based on an organic modified polydimethylsiloxane.

Characteristic data

Appearance	clear to slightly yellow liquid	
Viscosity (23 °C), mPa·s:	20 - 50	DIN 53211
Density (20 °C), g/cm³:	approx. 1.02 (typical)	DIN 51757
Iodine color value:	≤ 4	DIN 6162
Refractive index (20 °C):	1.430 -1.440	DIN 53015 (Hoeppler)
Flash point, °C:	113.5 (typical)	DIN EN 22719

Properties

Borchi® Gol LA 50 is a leveling and substrate wetting agent for water based and water soluble systems. It significantly decreases surface tension allowing a reduction in the interfacial tension differences between the liquid and the substrate. Cratering and pin hole tendency is also reduced.

Borchi® Gol LA 50 will not impact gloss, and in some cases can positively affect appearance. Recoatability and intercoat adhesion will not be negatively impacted if used in proper dosage. Foam stabilization and slip will not change significantly. If better slip is required, use in combination with *Borchi® Gol LA 2* or *Baysilone® Paint Additive OL 31*.

Applications

Borchi® Gol LA 50 is compatible in most binders. The product can be used for high quality clears and pigmented industrial and decorative coatings. The efficiency is independent from the curing mechanism of the respective system.

Borchi® Gol LA 50 improves the wetting out of difficult substrates such as resinous wood or contaminated surfaces. **Borchi® Gol LA 50** is most efficient in systems containing more than 2 % co-solvents based on total formulation.



Dosage

The correct dosage of **Borchi® Gol LA 50** depends on the desired effect and the type of system. Suggested amounts range from 0.05 and 0.30 % based on total formulation.

Storage

Protect from the effects of weathering and light, store at temperatures between 5 and 30 °C. Once opened, containers should be resealed immediately after each removal of the product.

Safety

For further information concerning the product safety please refer to the according material safety data sheet.

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OMG Borchers GmbH
Berghausener Str. 100 / 40764 Langenfeld / Telephone: +49 (0) 2173 – 39 26 666
Fax: +49 (0) 2173 – 39 26 999 / Internet: www.borchers.com / E-Mail: info.borchers@eu.omgi.com

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