



Polyether-modified methyl polysiloxane, 100 % active ingredient

Description

Borchi® Gol LAC 80 is a paint additive for improving the flow properties and surface smoothness of paints and coatings. It is suitable for solvent-containing and solvent free systems. **Borchi® Gol LAC 80** can also be used in aqueous media.

Characteristic data

Supply form:	100 %, liquid, yellowish	
Iodine Colour Shade:	max. 5	DIN 6162
Density (20 °C), g/cm ³ :	1.02 – 1.03	DIN 53217
Viscosity (23 °C), mPa·s:	2,000 – 2,900	DIN 53015
Refractive index (23 °C):	1.437 – 1,41	DIN 51423
Acid value, mg KOH/g:	max. 1.5	Borchers PV 100-69/1
Delivery form, %:	100	
Flash point, °C:	approx. 90 (typical)	

Solubility

aromatic hydrocarbons	soluble
aliphatic hydrocarbons	soluble
decalin / tetralin	soluble
alcohols / esters / ketones	soluble
glycol ether / glycol ether acetate	soluble
water	emulsifiable

Properties

Addition of **Borchi® Gol LAC 80** brings about a clear increase in the surface smoothness of paint films and results in an appreciable reduction in susceptibility to scratching, particularly in the case of matt paints. Faster removability, e.g. in the case of automotive refinishing paints, is also achieved.

Borchi® Gol LAC 80 is also an excellent flow promoter. It prevents crater formation and results in many paint systems in considerable relief of stresses in the paint film.

Borchi® Gol LAC 80 has also proved particularly advantageous for wetting of the substrate and flow promotion even in the case of substrates that have been poorly degreased or contaminated with silicone. In hammer finish paints, bleeding can largely be prevented.

Paints to which **Borchi® Gol LAC 80** has been added can be recoated.

Applications

Borchi® Gol LAC 80 can be used in all paint and coating systems on account of its good compatibility. It is also suitable for aqueous binders and dispersions although the stability of the formulation should be tested. At the recommended addition rates, it can be used in priming and intermediate coats.



Use and Dosage

The recommended dosages range between 0.05 and 0.10 % **Borchi® GoI LAC 80** relative to binder. To avoid incorrect dosages, we recommend that a 10 % stock solution is prepared prior to incorporation in a suitable solvent, e.g. in xylene for solvent-based paints and in propylene glycol for aqueous systems.

Storage

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

Safety

Please refer to our safety data sheet for information relating to product safety.

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