



Flow promoter and de-aerator

Description

Borchi® Gol 0011 is a liquid flow promoter and de-aerator for solvent-containing and solvent-free epoxy resin and polyurethane coatings.

Characteristic data

Appearance:	clear, colourless to yellowish liquid, free of mechanical impurities	
Colour, Gardner:	1 – 3	ISO 4630 – 1981
Density (20 °C), g/cm ³ :	0.84 – 0.88	DIN 51757 (A) – 1994 (areometer)
Viscosity (20 °C), mPa·s:	15 – 30	ISO 3219 (A) - 1994
Flash point, °C:	> 100 (typical)	
Active content, %:	approx. 100 (typical)	

Properties

Borchi® Gol 0011 is used to improve the flow and surface properties of coatings based on solvent-containing and solvent-free, liquid epoxy and polyurethane resins. **Borchi® Gol 0011** acts as a flow promoter in such systems. It destroys bubbles appearing during application and prevents crater formation. The moisture-induced formation of carbon dioxide in polyurethane systems, which depends on the moisture content of the pigments, is not prevented by **Borchi® Gol 0011**. Its use in conjunction with suitable driers largely eliminates such reactive gas formation.

Englobing of air during mixing is prevented with **Borchi® Gol 0011**. It also reduces pigment floating and gives the surface of the coating barrier properties. If used in excess, a slight reduction in hardness may occur.

Applications

Borchi® Gol 0011 can be used in all conventional solvent-containing and solvent-free, liquid 2-component epoxy resin and polyurethane systems. The efficacy of **Borchi® Gol 0011** is unaffected by the mode of application of the coating. The coating can be applied by spraying, pouring or rolling.

Borchi® Gol 0011 exhibits excellent efficacy as a flow promoter in coatings for pipes, storage tanks and industrial flooring.

Use and Dosage

Dosages used in practice range between 0.5 and 3.0 % **Borchi® Gol 0011**, relative to the total system. The optimum dosage is dependent on the binder/filler ratio and must be determined beforehand in trials. The product can be incorporated either with the mill base or subsequently by stirring it into the finished coating formulation.



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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