

Borchi® Gel L 75 N

TECHNICAL DATA

Non-ionic polyurethane-based medium shear rate thickener for water-based coatings systems, VOC-, APEO-, and Organo tin-free

FEATURES

- Develops viscosity stability in water-based coatings mainly in the medium shear range
- Improves rheological properties of water-based coatings systems for easier brush and roller application
- Does not yellow or cause chalking in the cured film
- VOC-free
- APEO-free
- Organo tin-free

PHYSICAL CHARACTERISTICS

Appearance	Liquid, yellow
Non-volatile content	48 - 52 % ISO 3251 (1g, 125 °C, 1h)
pH	6 - 8
Density	1.08 g/cm ³ DIN 51757 (20 °C)
Viscosity	5000 - 9000 mPa.s (23 °C) ISO 3219 (Appendix A)
Solvent(s)	Water

APPLICATIONS

- Coatings
 - Acrylic gloss
 - Anti-corrosion
- Small particle size emulsions

Contact us for more information

www.borchers.com/contact

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

DOSAGE

0.1 - 2.0% on total paint formulation

Gloss paints may require a higher amount. The exact dosage should be experimentally determined. The thickening action of Borchi® Gel L 75 N may be reduced by polar, water soluble film forming solvents such as alcohols, glycols and glycol ethers. However, low polar solvents such as butyl diglycol acetate and Texanol® will increase the viscosity effect.

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.