

# Borchi® Gel A LA

## TECHNICAL DATA

**Anionic neutralized polyacrylate low shear range thickener for water-based adhesives, sealants, PUD systems, and coating systems; biocide-free, APEO-free, and catalyst-free**

### FEATURES

- Non associative acrylic thickener
- Ready to use, no prior neutralization necessary
- Improves flow and leveling properties in a wide variety of water-based coatings systems
- Builds viscosity in the low shear range
- Stabilization of water-based resin against coagulation (particle size stabilization)
- Biocide-free, APEO-free and catalyst-free

### PHYSICAL CHARACTERISTICS

Appearance	Clear liquid
Non-volatile content	9 - 11 % ISO 3251
pH	min. 7
Density	1.05 g/cm <sup>3</sup> ISO 2811-1 (20 °C)
Viscosity	25000 - 60000 mPa.s DIN 53019 (23 °C)
Solvent(s)	Water

### APPLICATIONS

- Water-based coating systems
- Water-based and universal pigment concentrates
- PUD resin systems for artificial leather
- Adhesives and sealants

### DOSAGE

0.1 - 2.0% on total formulation

Borchi® Gel A LA can be added directly to the batch as supplied. The exact dosage should be experimentally determined.

To enable the development of the rheology, it is necessary that the pH value of the formulation is >7.

Borchi® Gel A LA can also be pre-diluted with water without any problems.

Borchi® Gel A LA can be combined with polyurethane thickeners, cellulose thickeners, and/or zirconium complex thickeners to develop optimal rheology profiles.

### 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. Upon storage, cloudiness could develop. In our work the cloudiness formation showed no influence on the thickening performance of the product, however we recommend that you evaluate the product performance in your own formulations to be sure.

### SAFETY

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

**Contact us for more information**

[www.borchers.com/contact](http://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](http://www.milliken.com/terms) (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.