

## Borchi® Gel 0435

Non-ionic, polyurethane-based high shear range thickener for water-based coatings systems, APEO- and tin-free

### Physical Characteristics

Appearance	Middle-viscous, colorless to yellowish liquid
Non-volatile content	47 - 53 % ISO 3251 (2g, 3h, 105 °C)
pH	6 - 8
Density	1.04 - 1.08 g/cm <sup>3</sup> DIN 53217 (23 °C)
Viscosity	Max. 6000 mPa.s ISO 3219 (A) (23 °C)
Solvent(s)	Water

### Features

- Develops outstanding brush and roll application properties
- Produces viscosity stability mainly in the higher shear range
- Quickly develops high shear thixotropy
- APEO-free
- Tin-free

### Applications

- Adhesives & sealants
- Coatings
  - General Industrial
  - Decorative
  - Leather

### Dosage

- 0.5 - 2.0% on total formulation

Pre-thinning is possible but generally not required. The exact dosage should be experimentally determined.

### 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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