

Borchi® Gel 0434

Solvent-free additive with superior thickening efficiency in the high shear range; specifically designed to give a Newtonian rheology profile (ICI viscosity)

Physical Characteristics

Appearance	Opalescent, middle-viscous liquid
Non-volatile content	19 - 21 % ISO 3251 (2g, 3h, 105 °C)
pH	4 - 7
Density	1.010 - 1.050 g/cm ³ DIN 53217 (23 °C)
Viscosity	Max. 15000 mPa.s ISO 3219 (A) (23 °C)
Solvent(s)	Water

Features

- Imparts superior flow and leveling
- Offers very good application hiding
- Highly efficient in ICI viscosity development
- Reduces spattering during roller application
- Improves brush drag (ICI viscosity)
- Good color acceptance
- Excellent scrub resistance
- Develops pH-independent (2-10) rheology
- Easily incorporated
- Can be used alone or blended with other Borchi® Gel thickeners to give complete control of rheological properties
- Zero-VOC

Applications

- Water-based coatings
 - General Industrial
 - Decorative

Dosage

- 0.5 - 4.0% 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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