

## Borchi® Coll 10

Anti-blocking additive for all water-based paints and coatings

### Physical Characteristics

Aspect	Slightly turbid liquid ISO 4619
Density	1.205 - 1.213 g/cm <sup>3</sup> (20 °C) ASTM D 4052-18a
Viscosity	Max. 7.00 mPa.s (20 °C) ASTM D 2196-18
Solids content	30.00 - 31.00 % ASTM D 4052-18a
pH	9.50 - 10.50 (20°C) ISO 10523
Titrated BET Surface Area	210 - 250 m <sup>2</sup> /g ASTM D 8016-18e1
Na <sub>2</sub> O content	0.30 - 0.40 % ISO 9963-1

### Features

- Improves adhesion to wood, plastic and metal surfaces
- Reduces the tendency towards under-rusting as a result of improved film quality and more uniform distribution of barrier properties on the substrate
- Better thermal endurance and corrosion resistance
- Avoids "blooming" effect in wood coatings
- Increased hiding power
- Increased whiteness-blocking, water and alcohol resistance

### Applications

- Coatings
  - Silk-finish
  - Gloss emulsion

### Dosage

Borchi® Coll can be incorporated during pigment dispersion or subsequently into finished systems. We recommend the addition of Borchi® Coll into the mill base. Borchi® Coll achieves the optimal performance after 24h storage time. Addition of 1 - 3 % active substance relative to total paint formulation, depending on system, area of application and desired effect. The optimal dosage should be determined in preliminary trials.

### Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °C in the original container. Once opened, containers should be resealed immediately after each removal of the product. Unused product in opened containers must be protected against contamination or evaporation of water and should be used up quickly where possible.

### Safety

No special protective measures are necessary when working with Borchi® Coll. The standard procedures for handling of chemicals should be followed. For further information on product safety, please refer to our safety data sheet.

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