

Borchi® Gel Thixo 2

TECHNICAL DATA

Thickener for solvent-based lacquers and paints

FEATURES

- Enhances thixotropic character of paints with solvents of non-polar or weakly polar nature
- Reduces settling and floating of pigments and promotes pigment dispersion during manufacturing
- Improves application of thicker coating layers

PHYSICAL CHARACTERISTICS

Appearance	Solid white powder
Non-volatile content	100%
pH	NA
Density	0.28 - 0.33 g/cm ³ DIN 51757 (20 °C)
Viscosity	NA
Solvent(s)	NA

APPLICATIONS

- Coatings
 - Decorative (alkyds)
 - Industrial (epoxy, unsaturated polyesters)

DOSAGE

0.5 - 2% on total paint formulation.

Borchi® Gel Thixo 2 can be added in the supply form as a powder (with prior preparation) or as a paste. Its addition in the form of a paste is preferable for the sake of optimum efficiency. When being incorporated in powder form, Borchi® Gel Thixo 2 is added during preparation of the pigment paste which is then milled in the usual milling unit. The temperatures reached during this process should be used between 35 and 55 °C. With insufficient milling, however, this type of mixing may lead to agglomeration and subsequently to grain formation in the paint. It is therefore a good idea to formulate Borchi® Gel Thixo 2 into a paste using a suitable solvent before incorporating it into the pigment paste. This should preferably be performed at a high temperature of 70 to 80 °C by gentle stirring, resulting in a homogeneous, clear paste. This paste is then added to the pigment paste prior to milling. The optimum dosage of Borchi® Gel Thixo 2 is dependent on the paint system and the desired effect and must therefore be determined beforehand in trials.

STORAGE

Protect from the effects of weather 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.

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.