

Borchi® Gen HMP - F

Adhesion promoter for stoving paints, NMP-free

Physical Characteristics

Solids content	78 - 83 % ISO 3251 (6g, 1h, 100 °C)
Viscosity	1000 - 1500 mPa·s DIN 53015 (20 °C)
Color	Gardner: Max. 3 ISO 4630
Acid number	90 - 130 mKOH/g DIN EN ISO 2114

Features

- Improves adhesion, predominantly in baking systems
- Highly compatible with most binders
- Can be used universally
- Brings about significant improvement in adhesion in alkyd baking paints and primers, even on difficult substrates such as zinc and aluminum
- Increased film elasticity

Applications

- Alkyd baking paints and primers
- Difficult substrates such as zinc and aluminum

Dosage

With certain types of titanium dioxide and pigments after-treated with zinc oxide, reduction in gloss may occur during storage of the paint. Borchi® Gen HMP-F is a liquid and is therefore easy to incorporate. In most cases optimum results are achievable with an addition of approximately 2 % relative to total paint formulation. Larger amounts may be added under certain circumstances to improve elasticity. Borchi® Gen HMP-F can be added either during manufacture of the paint or subsequently. If the additive is to be used in water-based paints, it should first be neutralized. We recommend dilution of Borchi® Gen HMP-F with 20 % dimethylethanolamine.

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. Borchi® Gen HMP-F should be protected from exposure to heat during storage. With prolonged storage, signs of crystallization caused by interactions may become evident. These disappear again when heated. These soft crystals also dissolve without impairing the quality of the paint when incorporating the additive into the dispersion and during milling.

Safety

Details of product safety can be found in our material safety data sheet.

811 Sharon Drive / Westlake, OH 44145 / Telephone: +1 800-321-9696 / 440-899-2950 / Fax: +1 440-808-7114 / Internet: www.borchers.com / E-Mail: info.us@borchers.com

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.