



Additive to improve adhesion of metallic pigments and coatings on metal substrate

## Description

**Borchi® Gen HE** is an additive to improve adhesion of baking paints and primers on metal substrate and to improve the fixation of metallic pigments in coatings. **Borchi® Gen HE** is completely silicone-free.

## Characteristic data

Appearance:	pale liquid	
Supply form:	60 % in xylene	
Solids content, %:	58 - 62	DIN 53216
Acid value, mg KOH/g:	15 - 25	DIN 53402
Colour, Gardner):	max. 3	ISO 4630
Density (20 °C), g/cm <sup>3</sup> :	1.05	DIN 53217
Flash point, °C:	> 30 (typical)	DIN 53213
Viscosity, mPa·s:	200 – 500	DIN 53015

## Properties

- improves adhesion on metal
- improves adhesion of metallic pigments in coatings
- improves elasticity
- colour stable
- no negative influence on weather resistance

## Applications

- solvent borne baking enamels
- solvent borne 1 pack or 2 pack metallic coatings

**Borchi® Gen HE** shows good compatibility with various resins; nevertheless a compatibility check is recommended.

## Use and Dosage

**Borchi® Gen HE** can be post added or incorporated during production. Trials have shown that an addition of 2 – 5 % on formulation is recommended.



## Storage

---

Protect from the effects of weathering and store at temperatures between 5 and 25 °C.  
Once opened, containers should be resealed immediately after each removal of the product.

## Safety

---

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

Updated: 25.02.2009

---

**OMG Borchers GmbH**

Berghausener Str. 100 / 40764 Langenfeld / Telephone: +49 (0) 2173 – 39 26 666  
Fax: +49 (0) 2173 – 39 26 999 / Internet: [www.borchers.com](http://www.borchers.com) / E-Mail: [info.borchers@eu.omgi.com](mailto:info.borchers@eu.omgi.com)

---

Our product information is given in good faith but without warranty. This also applies where proprietary rights of third parties are involved. This information does not release the customer from the obligation to test our products as to their suitability for the intended processes and uses. The application, use and

processing of our products and the products manufactured by the customer on the basis of our technical advice are beyond our control and, therefore, entirely the customer's own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

---