

BF

BRUCHSALER FARBEN

BRUFABLEND®
Standard & Custom Colors



BRUFABLEND®

Standard & custom colors.

Our Brufablend® pigment line completes our range of pigments. It includes lead-free alternatives to chrome yellow pigments (P.Y. 34) as well as molybdate orange and molybdate red (P.R. 104), but equally focusses on all other color shades.

Standard colors: For standard color shades from systems like RAL, Pantone or NCS, we have formulations readily available.

Individual color shades: We create individual solutions according to your specifications and wishes.

Lab expertise: Our team of experts are available to assist in your color matching needs. Depending on the application, we have standard varnish systems available for testing. or we can use your own varnish, acrylic, PU or epoxide for exact matches.

For all applications: Our Brufablend® pigments can be manufactured to meet criteria like high light fastness or critical temperature resistance.

BRUFABLEND® product series

L-Series: Based on organic pigments, for indoor applications and air-drying systems.

E-Series: Our general-purpose type, based on high quality inorganic and organic pigments. Suitable for a wide range of various applications.

ES-Series: Excellent weather stability, for outdoor applications. Based on high performance pigments.

H-Series: Our pigment blends for high heat stability.



Dispersions

Universal use in dispersions for waterborne industrial and decorative coatings. Available in different qualities, depending on the specific requirements of your pigment preparation.



Flooring

Our pigment blends are used in industrial and decorative flooring. They are suitable for a wide range of materials including acrylates, epoxides and polyurethanes.



Industrial Coatings

Universal use in industrial coatings whether aqueous or conventional. Available in different qualities, depending on the specific requirements.



Roadmarking

We have developed a range of Brufablends matching traditional lead chromates and other standards used in road marking. Our pigment blends are durable and lightfast.



Coil and Powder Coatings

Our color shades from the ES-Series and the H-Series are suitable for coil coatings up to 240°C and for polyester, polyurethane, polyester-epoxy, straight epoxy and acrylic powder coatings.



Plastic and Masterbatches

Especially the ES and the H-Series are recommended for polyolefins and PVC applications.



Lead Free

Nontoxic.
Environmentally Friendly.

BF Test methods for Pigments

1. Heat resistance in baking enamel

The colour shade is stable at a processing temperature of 140°C for 20 minutes.

2. Heat stability in HDPE

The stability to heat is determined according to DIN EN 12877-2 on an injection moulding machine. The processing temperature is increased in 20°C steps beginning at 200°C. The pigment-plastic-mixture is kept for 5 min. at each temperature. At the specified temperature $\Delta E=3$ is not exceeded compared to the 200°C sample.

3. Light fastness

The light fastness was determined in an alkyd-melamine baking enamel system. Exposure („Xenotest“) conditions and results comply with instructions of DIN EN ISO 105-B01 using the eight-step wool scale; „8“ outstanding to „1“ very slight.

4. Weather fastness

The weather fastness was determined in an alkyd-melamine baking enamel system. Exposure conditions and results comply with instructions of DIN EN ISO 11341 (artificial weathering) using the five-step gray scale; „5“ outstanding to „1“ very slight.

5. Resistance to acid and alkali

Painted (Alkyd/Melamine, 10% Pigment) metal sheets are treated with 5% sodium hydroxide or 2% hydrochloric acid for a period of 24 hours. The change in shade is assessed using the five-step gray scale; „5“ outstanding to „1“ very slight.