

Borchers® Deca 203

TECHNICAL DATA

Special combination drier based on Cobalt, Barium and Zinc for oxidatively drying paint systems

FEATURES

- Promotes uniform through-drying
- Prevents wrinkling and skinning
- Excellent drier stability
- Low viscosity
- Readily meterable
- Long shelf-life
- Improved drying times even under adverse atmospheric conditions
- Cloudiness and precipitation do not occur

PHYSICAL CHARACTERISTICS

Appearance	Clear, violet liquid
Metal content	Ba: 7.00 - 7.40% Co: 1.10 - 1.30% Zn: 3.10 - 3.30% DIN 55901 Total 11.20 - 12.00% (calculated)
Non-volatile content	55.00 - 65.00% ISO 3251 (2g, 3h, 105° C)
Viscosity	Max. 250 mPa·s ISO 3219 (A) (20° C)
Specific gravity	NA
Density	0.970 - 1.010 g/cm ³ DIN 51757 (20° C)
Solvent	White-spirit containing < 1% aromatics

APPLICATIONS

- All binder systems that dry by oxidation, especially:
 - White and light-colored paints

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.

DOSAGE

Experiments have shown that the necessary addition of Borchers® Deca 203 should be between 2 and 5% relative to solid resin, depending on the resin and the pigment system. This is equivalent to a cobalt content of 0.024 to 0.060%. When using pigments which retard the drying process such as carbon black or toluidine red, a higher addition rate or special stabilization may be necessary. Borchers® Deca Barium 12.5 or Octa-Soligen® Calcium 10, basic are suitable for this purpose. In paint systems which already contain zinc compounds (e.g. zinc-treated titanium dioxide), the zinc in Borchers® Deca 203 may retard drying. Addition of Borchers® Deca Zirconium 6 brings about an improvement in many such cases. It may still be necessary to switch to a different drier system, however, in this case we recommend trials with Borchers® Deca 173.

STORAGE

Protect from the effects of weathering and store at temperatures below 50° 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.