

## Borchers® Deca 173

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

### Physical Characteristics

Appearance	Clear, violet liquid
Metal content	Ba: 7.00 - 7.40 % Co: 1.10 - 1.30 % Zr: 3.10 - 3.30 % DN 55901 Total 11.20 - 12.00 % (calculated)
Non-volatile content	49.00 - 59.00 % ISO 3251 (2g, 3h, 105 °C)
Viscosity	Max. 150 mPa·s ISO 3219 (A) (20 °C)
Specific gravity	NA
Density	0.965 - 1.005 g/cm <sup>3</sup> DIN 51757 (20 °C)
Solvent	White-spirit containing <1 % aromatics

### Features

- The balanced ratio of the various metal contents of Borchers® Deca 173 yields optimum results in initial drying and through-drying
- Excellent drier stability
- Paints incorporating Borchers® Deca 173 are characterized by better drying times particularly at high atmospheric humidity and low temperatures
- Low viscosity
- Outstanding brightness, good gloss and excellent hardness

### Applications

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

### Dosage

Applications Development trials showed the necessary addition of Borchers® Deca 173 to 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 dosage or special stabilization may be necessary. Borchers® Deca Barium 12.5 and Octa-Soligen® Calcium 10, basic are suitable for this purpose. In paint systems which already contain zinc compounds, Borchers® Deca 173 should be used in preference to Borchers® Deca 203.

### 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.

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