

Borchers® Dry 0615 aqua



Cobalt-free primary drier with particularly high drying activity for low VOC waterborne oxidatively drying coatings

Description

Borchers® Dry 0615 aqua is a highly reactive cobalt-free primary drier for low VOC waterborne oxidatively drying coatings based on a drier in combination with an organic drying accelerator.

It can be used in clear coats and pigmented systems and may replace other primary driers, especially cobalt types.

Characteristic data

Appearance:	clear, reddish to brown solution of high viscosity	
Density (20 °C), g/cm ³ :	1.00 - 1.05	DIN 51757 (A)
Flash point, °C:	> 100	
Solvent:	on-VOC unsaturated fatty acid ester, emulsifier	
Solubility:	soluble in common organic solvents such as white spirit, xylene, glycols; emulsifiable in water	

Properties

Borchers® Dry 0615 aqua provides rapid surface drying and helps through-dry of the applied film. The product allows constant curing of the film and prevents levelling defects.

Borchers® Dry 0615 aqua exhibits very good drying properties even after extended storage.

Applications

Borchers® Dry 0615 aqua is suitable for all waterborne clearcoats and pigmented systems. Due to the combination with an organic drying accelerator the product provides enhanced reactivity compared to common cobalt-free primary driers for waterborne coatings.

The product is VOC-free according to directive 1999/13/CE and Swiss regulation (VOCV) of 1997-11-12. It contains 6 % by weight of VOC according to directive 2004/42/CE.

Borchers® Dry 0615 aqua is especially recommended for environmentally friendly and low-emission paints as well as formulations which should achieve the requirements of "Decopaint" directive 2010.



Use and Dosage

Borchers® Dry 0615 aqua can be added to the paint in any formulation step. However, we recommend the addition as the final step in the let down phase. Preliminary dilution is not required nor suggested.

The dosage of **Borchers® Dry 0615 aqua** depends on type and quantity of the binder used. Suggested amounts range from 0.1 – 0.5 % by weight based on solid binder. It is recommended to start at the low end and increase addition rates in order to find the optimal dose.

Borchers® Dry 0615 aqua can be combined with any secondary drier. *Octa-Soligen® Strontium* or *Octa-Soligen® Zirconium* might improve through dry and film hardness. In high build or pigmented systems, *Octa-Soligen® Calcium* may be useful to improve storage stability and to gain drying power. In each case the addition of 0.1 - 0.3 % of metal, based on solid binder, is recommended

Storage

Protect the product from 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.

Safety

Please refer to our safety data sheet for additional information relating to safe handling and product safety.

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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 / E-Mail: info.borchers@eu.omgi.com

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