

Borchi® Dragon

High-performance, cobalt-free metal-ligand catalyst which demonstrates excellent drying performance in solvent-based and high solids alkyd resins

Physical Characteristics

Appearance	Brown to amber liquid
Viscosity	Max. 100 mPa·s (informative) ISO 3219 (A) (20 °C)
Density	Approx. 0.88 g/cm ³ (informative) ISO 2811-2 (20 °C)

Features

- Faster drying times particularly in long oil alkyds
- Allows for <350g/L alkyd formulation with higher oil content
- Fast drying in adverse ambient conditions down to 40 °F (4.4 °C)
- Reduction in complexity of drier package in formulation
- No yellowing and brighter whites when compared to cobalt driers
- Provides wrinkle-free appearance when utilized with thick film applications

Applications

- Coatings
 - Wood
 - Industrial
 - Protective and Marine
 - Architectural
 - Automotive

Dosage

All resin systems are unique and will require the level of Borchi® Dragon to be optimized for the best cost and dry performance. We recommend using a ladder study starting at 0.5 % up to 3 % of Borchi® Dragon as supplied on resin solids.

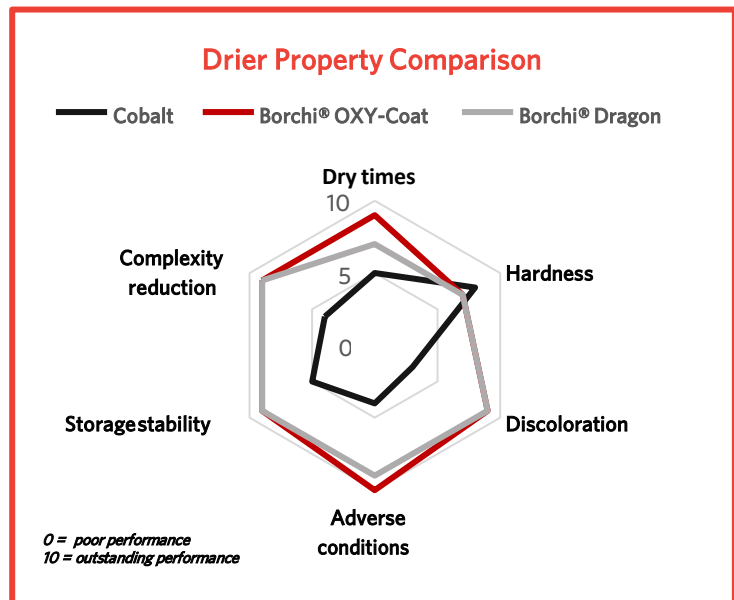
Optimized dosage must be determined as excessive Borchi® Dragon could reverse dry performance. Borchi® Dragon should be added as one of the last ingredients before the Anti-Skinning agent.

Storage

Protect from the effects of weather and store at temperatures between 5 and 30 °C. Color of product varies over stability.

Safety

Please refer to our safety data sheet for information relating to product safety.



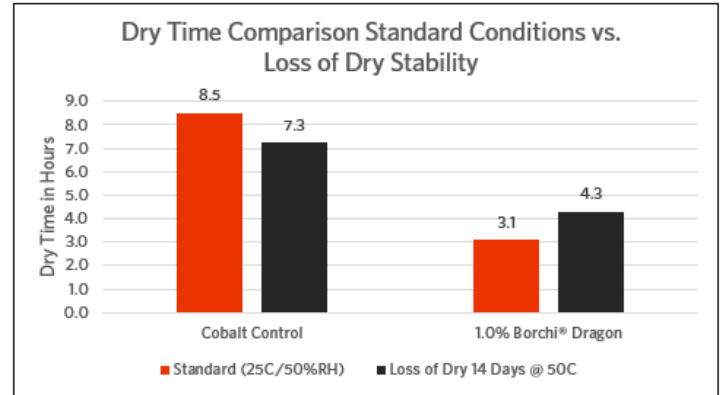
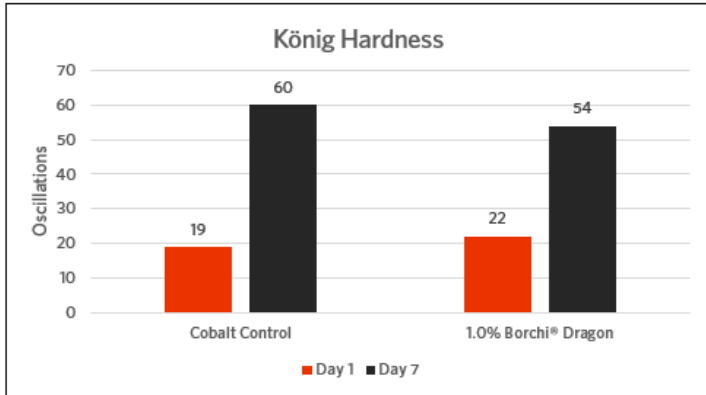
Thick Film Clear Varnish Formulation – 1% Borchi® Dragon on Resin Solids

Clear Standard Varnish	
Ingredient	Total Weight
UROTUF F275-M-75	68.300
Mineral Spirits	16.700
Dow Fluid 244	15.000
Total	100.000

51.2% resin solids in total paint formula

Formula by Weight		
	Control	1% Borchi® Dragon
Formulated Clear Varnish	100.000	100.000
Borchi® Dragon		0.510
12% Cobalt Cem-All®	1.060	
Dri-RX® HF	2.730	
Skino® #2	1.710	
Total	105.500	100.510

1.0% Borchi® Dragon as supplied on resin solids



**Polynt resin – UROTUF F275-M-75 is 75% solids*

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