

Borchi® Dragon

TECHNICAL DATA

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

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

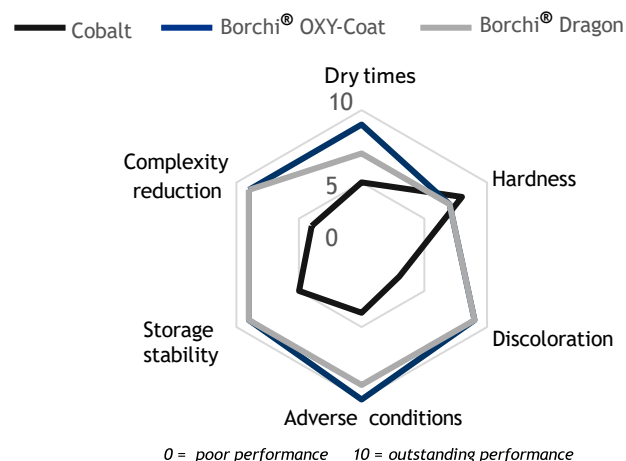
PHYSICAL CHARACTERISTICS

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)

APPLICATIONS

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

DRIER PROPERTY COMPARISON



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 on storage.

SAFETY

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

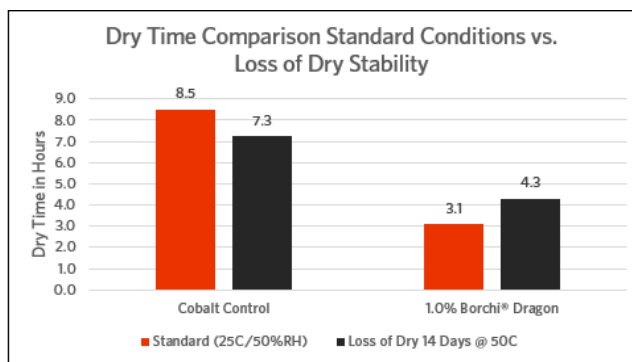
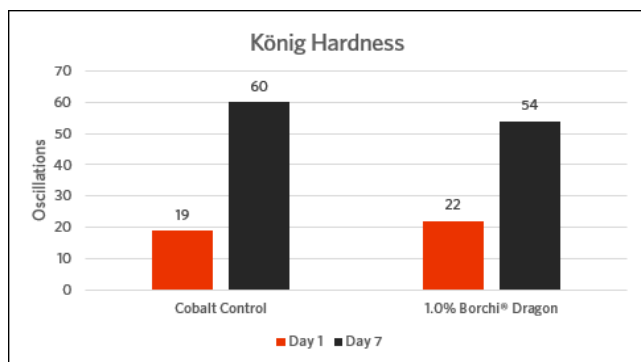
Thick Film Clear Varnish Formulation - 1% Borch® Dragon on Resin Solids

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% Borch® Dragon
Formulated Clear Varnish	100.000	100.000
Borch® 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% Borch® Dragon
as supplied on resin solids



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

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.