

Borchi® Dragon

High-Performance Catalyst for High Solids Alkyd Systems

Borchi® Dragon is a unique, high-performance catalyst for the curing of high solids, long oil alkyd resins.

Borchi® Dragon is cobalt-free and allows for low Volatile Organic Compound (VOC) formulations.

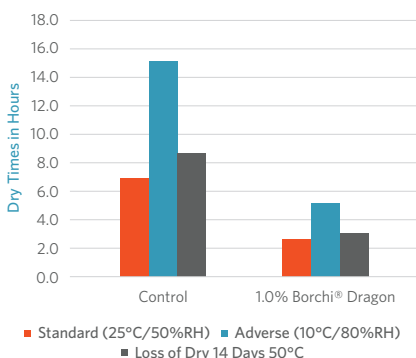
In a time when regulations are becoming increasingly stringent for coatings, this catalyst provides **enhanced dry times, wrinkle-free appearance, non-yellowing, and complexity reduction in a sustainable manner.**

High-Performance Benefits

- Faster dry times compared to cobalt
- Less yellow tones (b* value) than cobalt
- Complexity reduction / Minimum dependency on through driers
- Non-wrinkling in thick films and high solids
- No loss of dry over stability
- Improved wet adhesion
- Consistent hardness over time / Does not become brittle
- Reduced skinning
- Cost efficient
- Corrosion prevention
- Extended coating season windows

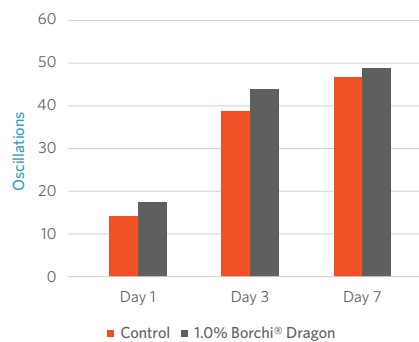
Dry Time Comparison

Under Standard Conditions, Adverse Conditions and Loss of Dry



Hardness

König Pendulum



Clear Thick Film Varnish

Material	Control	Borchi® Dragon
UROTUF F275-M-75	66.67	66.67
Mineral Spirits	2.78	2.78
DOW 244 Fluid	30.55	30.55
12% Cobalt Hex-Cem®	0.04	0.00
Dri-RX® HF	0.10	0.00
Skino® #2	0.12	0.00
Borchi® Dragon	0.00	0.45
TOTAL	100.27	100.45

Drier Package

1.0% Borchi® Dragon on resin solids provides improved dry times compared to cobalt containing catalysts in clear thick film varnish coatings. Hardness is comparable to cobalt containing catalysts.

Borchi® Dragon

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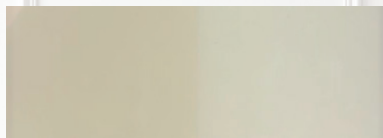
Where can Borchi® Dragon be used?

Architectural Coatings

Brighter whites ■ Improved dry times

High Gloss White Enamels

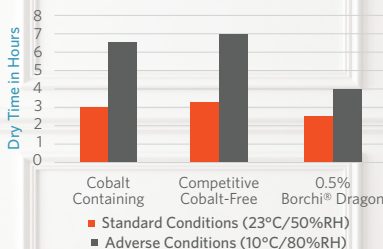
Brighter Whites & Non-Yellowing



Cobalt Containing Borchi® Dragon

Color performance is enhanced when using Borchi® Dragon compared to cobalt containing catalysts.

Through Dry Time Comparison



Dry times are improved in standard and adverse conditions when using 0.5% Borchi® Dragon on resin solids.

Wood Coatings

Wrinkling prevention ■ Reduced yellowing

Clear Standard Varnishes

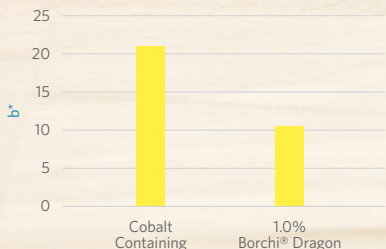
Wrinkling Prevention



Cobalt Containing Borchi® Dragon

Unlike cobalt containing catalysts, Borchi® Dragon prevents wrinkling from thick film builds.

Non-Yellowing (b* value)



1.0% Borchi® Dragon on resin solids has a lower b* value than cobalt containing catalysts, indicating non-yellowing.

Industrial Coatings

Wet adhesion ■ Improved dry times

High Gloss Black DTM

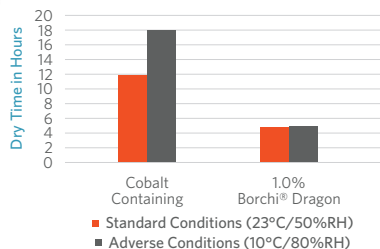
Wet Adhesion



Cobalt Containing Borchi® Dragon

Borchi® Dragon provides better wet adhesion than cobalt containing catalysts.

Through Dry Time Comparison



Dry times are improved in standard and adverse conditions when using 1.0% Borchi® Dragon on resin solids.

Order your sample at:
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.