

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.

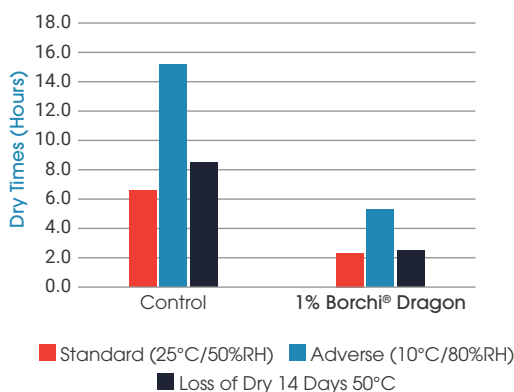
Borchi® Dragon is cobalt-free and allows for low Volatile Organic Compound (VOC) formulations.

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.**

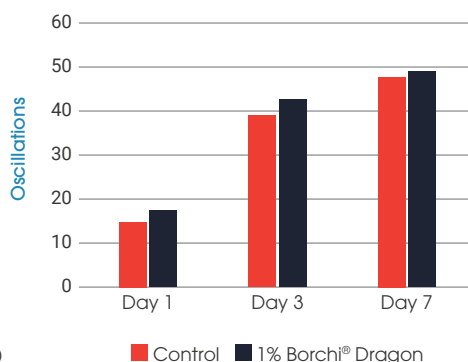
High Performance Benefits

- 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



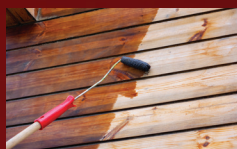
König Pendulum Hardness



Clear Thick Film Varnish

| Material | Control | 1% Borchi Dragon |
|---------------------|---------------|------------------|
| UROTUF F275-M-75 | 66.67 | 66.67 |
| Mineral Spirits | 2.78 | 2.78 |
| 12% Cobalt Hex-Cem® | 0.04 | 0.00 |
| Dri-RX® HF | 0.10 | 0.00 |
| Skino® #2 | 0.12 | 0.00 |
| DOW 244 Fluid | 30.55 | 30.55 |
| Borchi® Dragon | 0.00 | 0.45 |
| Total | 100.00 | 100.45 |

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.



Technical Data Sheet



Order a Free Sample



Borchi® Dragon

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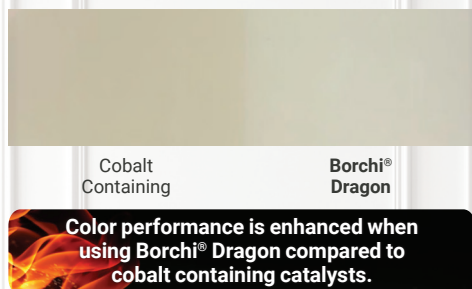
Where can Borchi® Dragon be used?

Architectural Coatings

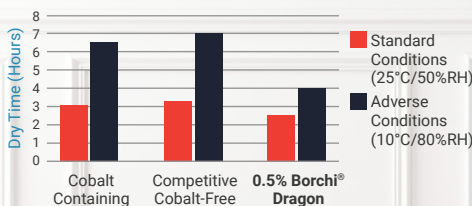
Brighter whites ■ Improved dry times

High Gloss White Enamels

Brighter Whites and Non-Yellowing



Through Dry Time Comparison



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

Wood Coatings

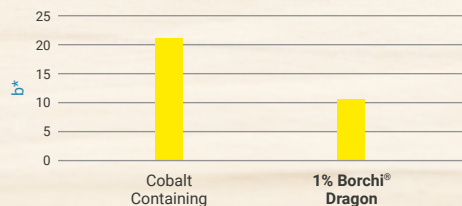
Wrinkling prevention ■ Reduced yellowing

Clear Standard Varnishes

Wrinkling Prevention



Non-Yellowing (b*value)



1.0% Borchi® Dragon on resin solids has a lower b* value than cobalt containing catalysts, indicating brighter white colors.

Industrial Coatings

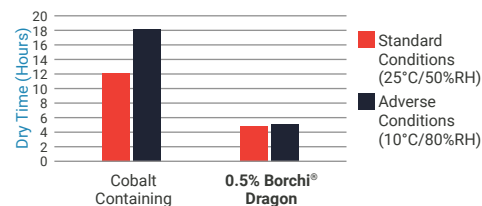
Wet adhesion ■ Improved dry times

High Gloss Black DTM

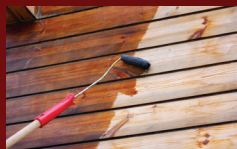
Wet Adhesion



Through Dry Time Comparison



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



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