

Borchi® OXY-Coat

High-Performance Cobalt-Free Catalysts

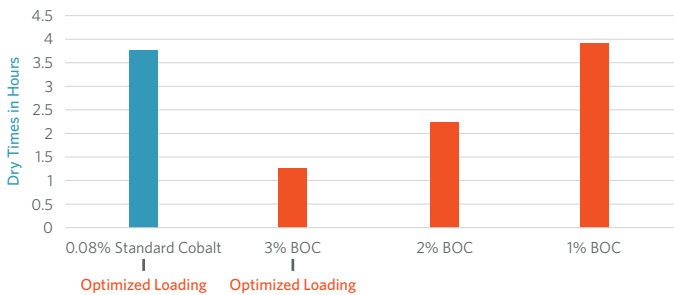
- Unique catalyst for alkyd coatings
- Applicable in a wide range of coatings systems that dry oxidatively
- VOC-Free, APEO-Free and Proposition 65 Compliant
- Dries clear



Cobalt is facing regulatory challenges. In the U.S., the EPA has recently prioritized Cobalt and Cobalt Compounds for risk assessment and possible regulatory reclassification. Borchi® OXY-Coat (BOC) high-performance catalysts serve as excellent cobalt alternatives.

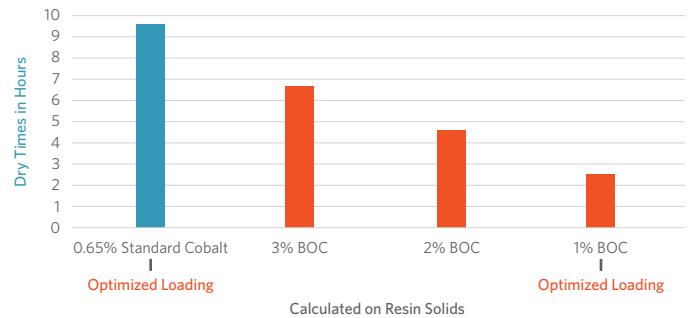
Comparison of Cobalt vs. Borchi® OXY-Coat

in Long Oil Alkyd Paint (Borchers RR. 112 Recorder Drying)



Comparison of Cobalt vs. Borchi® OXY-Coat

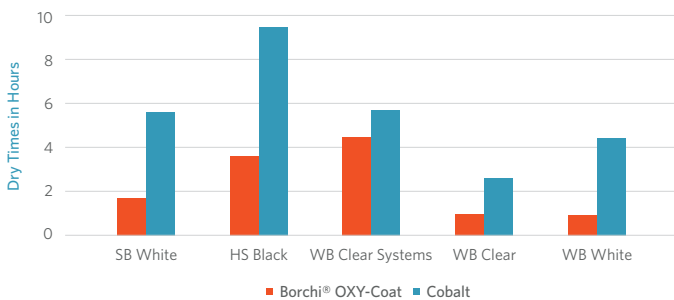
in Medium Oil Alkyd Paint



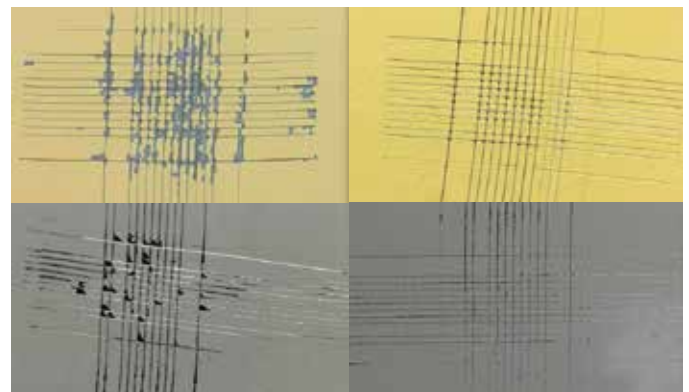
It is important to test ladder study to optimize Borchi® OXY-Coat.

Borchi® OXY-Coat Advantage

Under Adverse (10°C / 80% RH) Conditions in Different Systems



Improved adhesion due to better cross-linking



Cobalt

Borchi® OXY-Coat

Extends drying season window for exterior coatings applications.

Borchi® OXY-Coat

High-Performance Cobalt-Free Catalysts

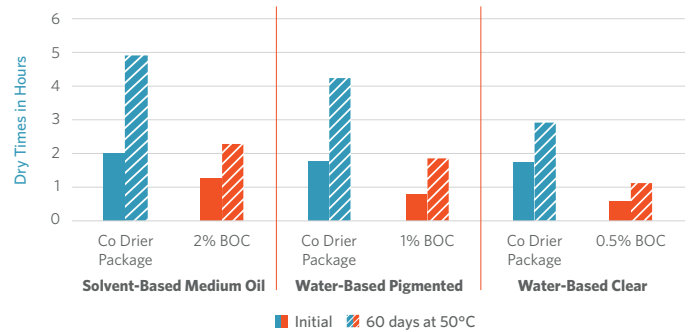
- Faster dry times
- No loss of dry after 4 weeks at 50°C
- Improved adhesion in direct to metal applications
- Minimum dependency on through driers
- Brighter whites/lower yellow tones
- Excellent performance under adverse conditions

Applications:

- Wood Flooring
- Architectural
- Direct to Metal
- Protective & Marine

Product	Chemistry	System
Borchi® OXY-Coat	Iron complex dissolved in propylene glycol	WB/SB
Borchi® OXY-Coat 1101	Iron complex dissolved in water	WB
Borchi® OXY-Coat 1310	Iron complex dissolved in DPM mixture	SB

Borchi® OXY-Coat Improved Loss of Dry Over Stability



Borchi® OXY-Coat delivers improved dry times after 60 days at 50°C in multiple systems

Color Advantages of Borchi® OXY-Coat



Duller White
Cobalt Drier

Brighter White
Borchi® OXY-Coat



Yellow Wood Tones
Manganese Drier

Warmer Wood Tones
Borchi® OXY-Coat

Non-Yellowing of Alkyds Over Time



Cobalt Drier

Borchi® OXY-Coat

Optimized Borchi® OXY-Coat formulations can result in lower formulated costs than traditional drier packages depending on the resin system.

Order your sample at:
www.borchers.com/contact