

Better Dry Times & Durability in Waterborne Alkyd Paints

Borchi® OXY-Coat 1101 high-performance catalyst

Data Utilizing Synaqua® 4804 Resin

 Significantly improves dry time for quick return to service and expands the application window

 Improves the durability of the substrate

 Can be used across the whole color space with superior ability to withstand direct sunlight

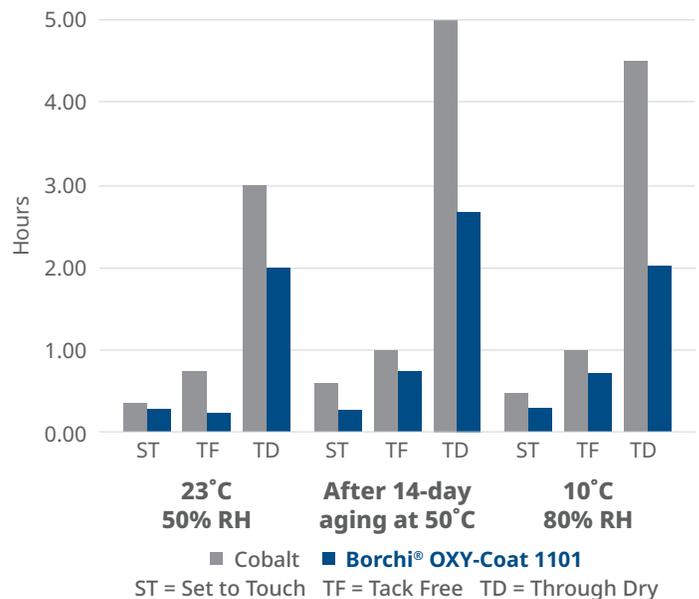
 Allows stains to be easily cleaned

Cobalt-Free Alkyd Emulsion

Material	Function	Weight %
Grind		
D.I. water	Carrier	12.35
Borchi® Gel 0434	HEUR Thickener (Newtonian)	3.10
Borchi® Gel 0625	HEUR Thickener (medium pseudoplastic)	1.55
Borchi® Gen 1252	Dispersant	0.77
AMP 95	Co-Dispersant	0.03
Rutile TiO ₂	Pigment	21.60
Calcium carbonate	Functional Filler	7.20
Letdown		
Synaqua® 4804	Short Oil Alkyd Emulsion	52.00
Borchi® OXY-Coat 1101	High-Performance Catalyst	0.40
Zirconium drier	Drier	1.00
% Resin solids		25.30
% DOP		2.40
P/B ratio		1.10
PVC		27.20
% Volume Solids		40.90

Significantly Improved Dry Time in Various Conditions

Conducted at 4 mils wet film thickness



Durability data on the back →

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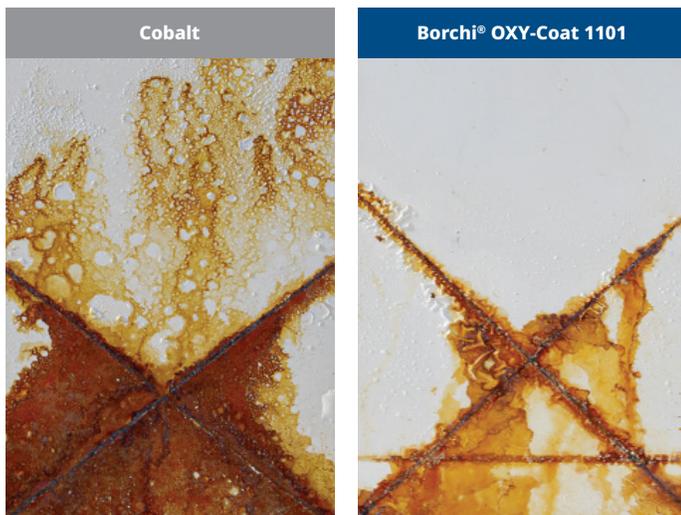
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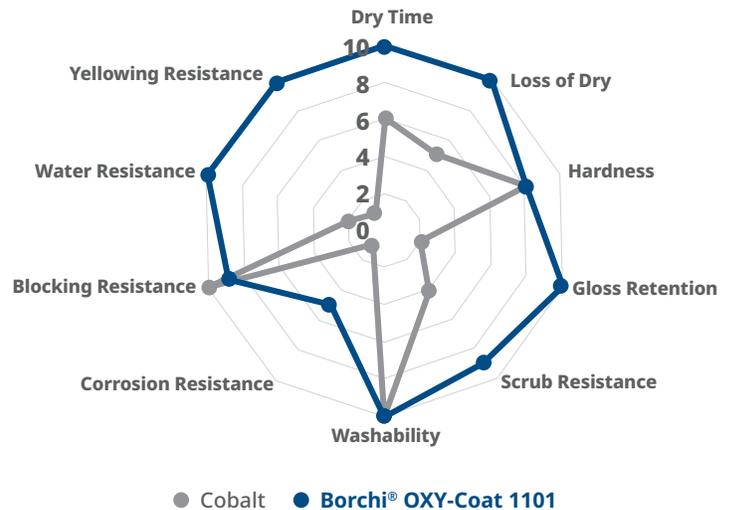
Superior Corrosion Resistance

110 Hours Salt Spray – ASTM B117



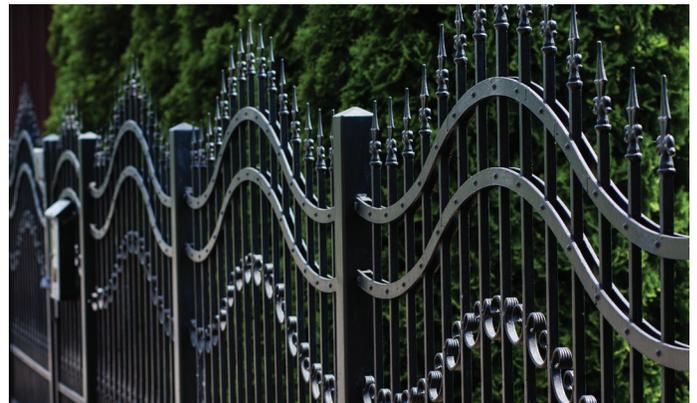
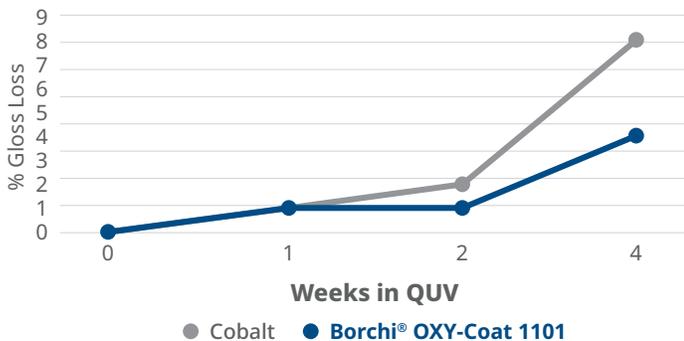
Excellent Overall Performance

0 = poor 10 = excellent



Enhanced Gloss Retention

4 Weeks (60°)



For more information, please reach us at [borchers.com/contact](https://www.borchers.com/contact)

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