

NextGen Direct-to-Metal Coatings

Performance & Sustainability

1K waterborne solutions that perform as well as solventborne

Bayhydrol®

Haloflex™

NeoCryl®

Uradil™



Build a competitive advantage with 1K WB DTM resins that perform.

Bayhydrol® UH 2592

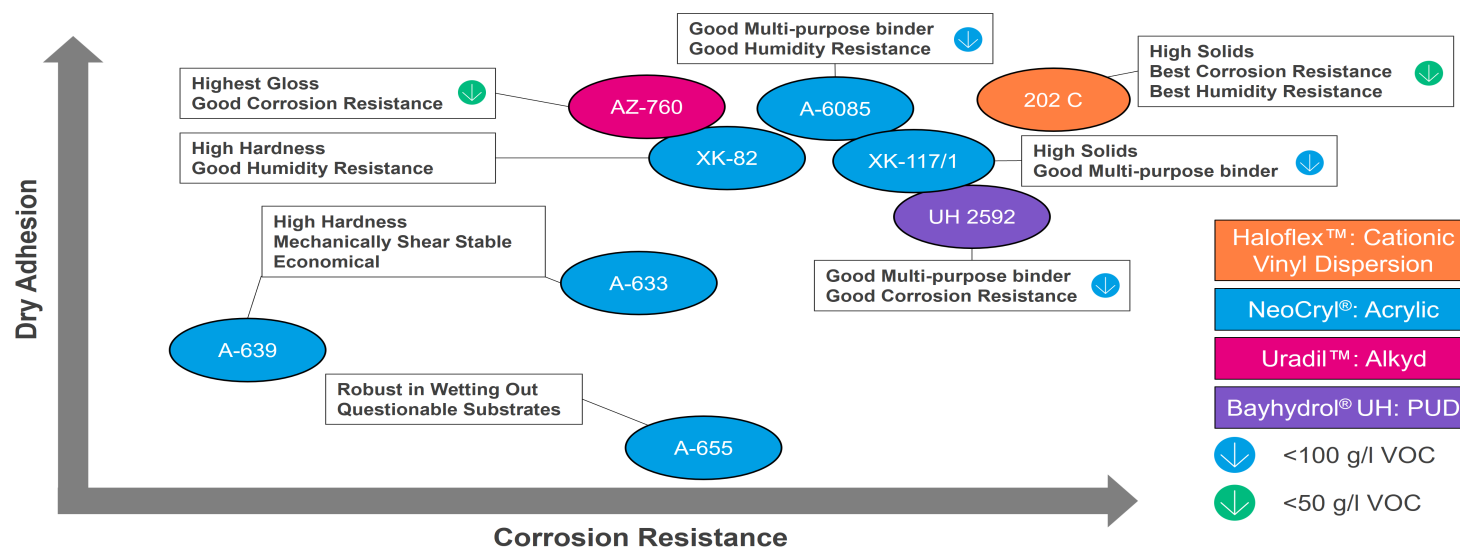
Imagine a fresh story of innovation enabling performance and sustainability focused on **faster dry times**, gloss retention, and corrosion resistance with **low VOCs**. Our waterborne direct-to-metal resins eliminate the need for primers, streamlining your production process while delivering exceptional results.

The Covestro Advantage:

- Faster dry times that accelerate production cycles
- Superior gloss retention that maintains aesthetic appeal
- Outstanding corrosion resistance for long-lasting protection
- Low VOC formulation supporting your sustainability goals

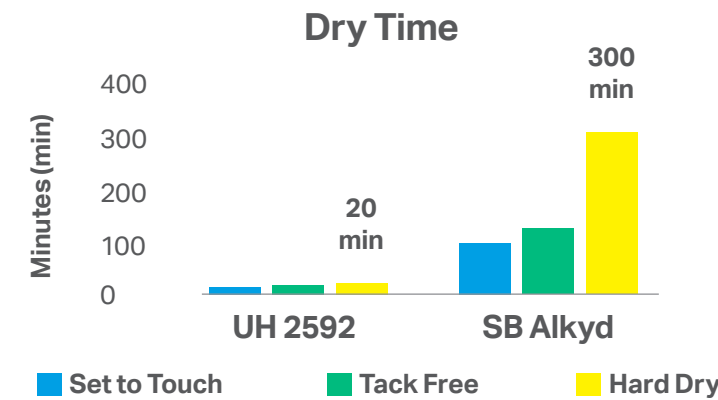
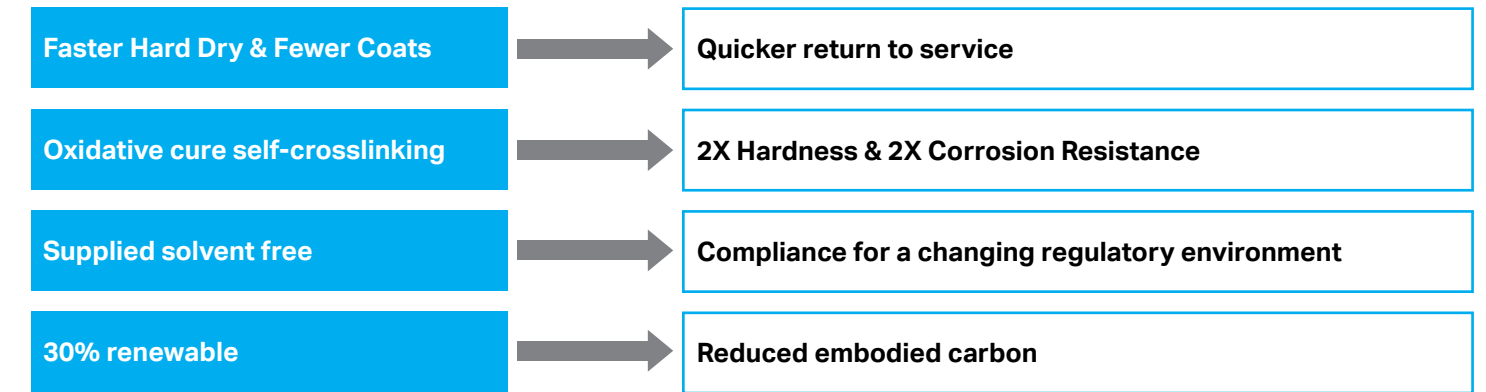
In today's fast-paced market, our DTM technology helps you complete more coating jobs per day, reduce labor costs, and stay ahead of competition. Experience the perfect balance of efficiency, durability, and environmental responsibility with Covestro's comprehensive waterborne DTM portfolio.

Waterborne Dispersions and Emulsions for One-Component Direct-to-Metal Coatings

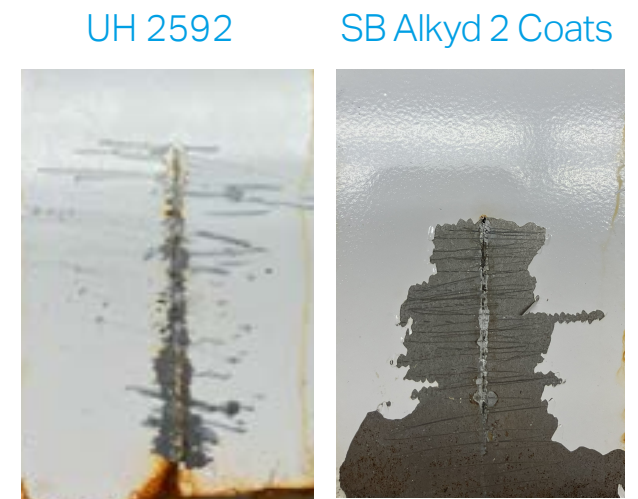


Oxidative cure self-crosslinking PUD vs. solvent-borne alkyd

Mainly used for general industrial finishes, often utilized as a binder in the formulation of aqueous air- and forced-drying, high-gloss coatings and primers.



Corrosion Resistance		
Salt Fog Exposure	UH 2592	SB Alkyd
500 Hours	0.4 mm	0.9 mm



Dry Film Thickness (DFT): 3 mils
Substrate: B1000 P99X Cold Rolled Steel

Performance Data	UH 2592	SB Alkyd
Initial 60° Gloss <i>Gloss Units (G.U.)</i>	83	88
Pendulum Hardness <i>Hardness (sec)</i>	37	17
Film Build Per Coat <i>Dry Film Thickness (mils)</i>	~3	~1.5
VOC Level <i>Grams/Liter (g/L)</i>	<100	<340



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