

AST Finishing Systems

high performance corrosion protection

Sustainable Coating Solutions



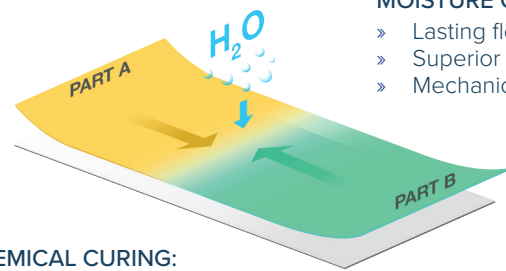
- UV Stable
- High Impact Resistance
- Superior Corrosion Protection
- Excellent Durability & Chemical Resistance



Corrosion Protection

Stanwade utilizes high-performance Dual-Cure™ primers and top-coats from Baril Coatings USA. The Dual-Cure™ materials utilized by Stanwade incorporate patented steel coating technology that has been proven across the world to offer industry leading protection in the harshest of environments.

Dual-Cure™ chemistry unites rapid cross-link chemical cure with atmospheric humidity to generate significant integral strength within the cured coating film without sacrificing flexibility. This unique dual reaction is manifested through a highly functional coating system that provides industry leading resistance against corrosion, weathering and impact.



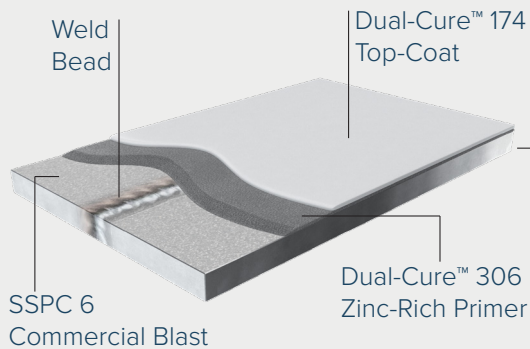
MOISTURE CURING:

- » Lasting flexibility
- » Superior adhesion
- » Mechanical strength

CHEMICAL CURING:

- » High chemical resistance
- » Excellent Weathering

CORROSION PROTECTION



All painted Stanwade tanks utilize a protective coating system that incorporates a stripe coat of Dual-Cure 306 Zinc-Rich primer on all welds and other corrosion points. These areas, along with the remainder of the tank, are top-coated to provide maximum weathering performance.

COATING PRODUCTS

Dual-Cure 306 Zinc-Rich primer yields 87% zinc in the final film, providing Stanwade tanks with industry-leading corrosion protection.



Dual-Cure 306™
Zinc-Rich Primer



Dual-Cure 174
Polyaspartic Topcoat

DualCure™ System Testing Results

UV Resistance	ASTM D G154 UV-A	4000 Hrs. > 80%
Florida Black Box	ASTM D4141 5°	48 months > 80%
Cyclic Weathering Test		6-336 hour cycle
Corrosion Resistance	ASTM D5894	No rusting
Gloss Loss		No Undercoating
Color Change Δ E		No Blistering
Impact Resistance	ASTM D2794	Pass 185 lbs
Reverse Impact	ASTM D2794	Pass 160 lbs.
Abrasion Resistance	ASTM D4060	10,000 pass, 52mg
Adhesion Pull Off	ASTM D2451	2541 PSI
2-mil blasted surface		

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