



**ACRYLIDURE™**  
ACRYLIC COIL COATING





#### PERFORMANCE ATTRIBUTES

- Excellent flow and application consistency
- Good flexibility and film integrity
- Enhanced stain resistance
- Improved mar and scratch resistance

#### SUBSTRATE COMPATIBILITY

- Primed hot-dipped galvanized steel
- Zinc-aluminum alloy steel (Galvalume®, Zinalume®)
- Cold-rolled steel
- Aluminum

#### TYPICAL END USES

- Truck and horse trailers
- Appliances
- Sign stock

#### AVAILABLE OPTIONS

- Standard and custom colors
- Multiple gloss levels
- Textured finishes
- Wax-modified formulations
- Stain-resistant performance package

## THE ULTIMATE IN EXTERIOR WEATHERABILITY

AcryliDure™ is a premium acrylic coil coating system engineered to deliver consistent application performance, durability, and appearance across demanding coil-coated metal applications. Utilizing Titan's proprietary acrylic resin technology, AcryliDure provides excellent flow, film formation, and hardness while maintaining the flexibility required for high-speed coil coating operations.

Designed for both interior and exterior applications, AcryliDure is well suited for select truck trailer, horse and livestock trailer, sign stock, and specialty transportation panel applications. The system is particularly aligned with OEM requirements where high gloss, hardness, stain resistance, and post-fabrication performance are critical.

AcryliDure technology is available in a single-coat system, two-coat system, and three-coat system to meet varying performance and warranty requirements. Proven in discretionary truck trailer programs, the system supports extended durability expectations including:

- 5-Year Warranty – Single Coat Systems
- 10-Year Warranty – Two Coat Systems (Ultra Road Shield level performance)

Formulations are available in both wax-free and stain-resistant configurations. Wax-free versions are commonly specified by box truck and trailer OEMs that post-paint decals and logos using automotive refinish systems, while the stain-resistant package provides enhanced stain resistance without sacrificing decal adhesion.

AcryliDure is available in a broad range of standard and custom colors and gloss levels, including high-gloss finishes meeting typical truck trailer specifications of  $\geq 85$  gloss ( $60^\circ$ ). Titan's streamlined color development and matching process ensures consistent color performance and efficient turnaround for custom requirements. The system is designed for application over primed hot-dipped galvanized steel, zinc-aluminum alloy steel (including Galvalume® and Zinalume®), cold-rolled steel, and aluminum substrates.



# ACRYLIDURE™

## ACRYLIC COIL COATING

### TECHNICAL DATA

SPECIFICATIONS	TEST STANDARD	ALUMINUM SUBSTRATE	COATED STEEL SUBSTRATE
Dry Film Thickness (Nominal)	ASTM D1005	0.15-0.30 mil primer 0.70-0.90 mil topcoat	0.15-0.30 mil primer 0.70-0.90 mil topcoat
Gloss	ASTM D523 @ 60°	10-80+	10-80+
Pencil Hardness	ASTM D3363	F min.	F min.
Flexibility <sup>2</sup>	T-bend, ASTM D4145	1-2 T-bend, no pick-off	1-2 T-bend, no pick-off
Adhesion	ASTM D3359	1.5x metal thickness; No adhesion loss	1.5x metal thickness; No adhesion loss
Reverse Impact	ASTM D2794	2x gauge or 80" lbs.	2x gauge or 80" lbs.
Salt Spray Resistance	ASTM B117 5% salt fog @ 95° F	Passes 1,000 hrs.	Passes 1,000 hrs.
Humidity Resistance	ASTM D714, ASTM D2247 100% relative humidity @ 95° F	Passes 1,000 hrs. No blisters, cracks or peeling	Passes 1,000 hrs. No blisters, cracks or peeling
Exterior Exposure	ASTM D2244, ASTM D4214 10 yrs. @ 45°, South Florida	Passes	Passes

