



ARMORGUARD[®] ZT
HIGH-PERFORMANCE ZERO-T POLYESTER COATING





KEY BENEFITS

- Exceptional toughness with flexibility
- Stain and mar resistant
- Single or two-coat application
- Easy to process and apply

IDEAL END USES

- Muntin Bar
- Screen frames
- T-Bar components
- Closet hardware
- Light fixtures
- Office furniture

True Zero-T Flexibility

ArmorGuard® ZT delivers exceptional flexibility on both thin and heavy gauge steel and aluminum while maintaining a durable, protective surface. Formulated with a proprietary high molecular weight polyester resin, it provides excellent exterior durability, superior stain resistance, and a balanced performance profile across all physical properties. Available in full gloss ranges and a wide selection of stock and custom colors, ArmorGuard® ZT is engineered for efficient, small-batch processing—helping reduce coater inventory and lower small-order costs.

Tough, Reliable Performance

Designed for heavy-gauge and cold-forming applications, ArmorGuard® ZT offers a scratch- and mar-resistant finish that withstands harsh conditions without post-opening or “flowering,” even under heat or hot weather exposure. Flexible enough for embossing and tight T-bend fabrication, it minimizes the need for preheating while maintaining consistent protection.

One-Coat or Two-Coat Options

ArmorGuard® ZT can be applied as a single coat or over standard primers. Primers enhance long-term corrosion resistance, giving your projects added durability.



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TECHNICAL DATA

SPECIFICATIONS	TEST STANDARD	ALUMINUM SUBSTRATE	COATED STEEL SUBSTRATE
Dry Film Thickness (Nominal)	ASTM D1005	0.10-0.30 mil primer 0.60-0.80 mil topcoat	0.10-0.30 mil primer 0.60-0.80 mil topcoat
Gloss	ASTM D523 @ 60°	10-80+	10-80+
Pencil Hardness	ASTM D3363	F min.	F min.
Flexibility ²	T-bend, ASTM D4145	0-1 T-bend, no pick-off	0-1 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 5 yrs. @ 45°, South Florida	Passes	Passes

