

ZT polyester

Coil coating system



Zero T I Coatings from Dura Coat Products assure True Zero-T flexibility on thin and heavy gauge steel and aluminum, while retaining a surface hardness of “H” or better. Using a proprietary linear, high molecular weight polyester resin, Zero-T coatings are designed to provide good exterior durability, excellent stain resistance, and a great overall balance of physical properties.

Available in all gloss ranges and a variety of stock and special colors, the ZT product line’s special formulation allows for quick and economical small batch processing to help minimize coater inventory problems and small order expense.

Tough flexibility

Zero-T Coatings are formulated to provide a tough, scratch - and resistant finish that holds up to harsh conditions, but flexible enough for embossing and tight T-bend fabrication. The coatings do not post-open or “flower,” even when exposed to special heat testing or hot weather. They were specifically designed for heavy gauge applications that encounter cold forming complications, minimizing the need for preheating.

One coat coverage

Zero-T coatings may be applied as a single-coat depending upon the application or over standard primers. Primers will enhance the long-term corrosion resistance of the system on.

Highlights

- Tough yet flexible
- Stain resistant
- Single or two coat
- Ease of application

Ideal end uses

- Screen & door frames
- T-Bar
- Closet hardware
- Light fixtures
- Office furniture

DuraCoat Products is an Axalta Coating Systems company.

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Performance characteristics

Specification	Test	Results	
ASTM D523	60° Specular gloss	5 - 80+	Gardner 60° meter or equivalent
NCCA 11-12	Pencil hardness	F - 2H	No break in the film
NCCA 11-10	Post forming 180° bend	1-T to 2-T	No pick off with Scotch #610 tape
ASTM D2794	Reverse impact, 60 inch pounds 3x gauge on steel, 1 1/2 x gauge on aluminum	Pass	No pick off with Scotch #610 tape
ASTM G53	Q.U.V. Weatherometer (500 hours)	Pass	No objectionable chalking per ASTM D659 color change per ASTM D2244 or blistering per ASTM D714
ASTM D2247	Humidity (1000 hours at 100° F and 100% humidity)	Pass	Less than 5% No. 8 blisters
ASTM B117	Salt spray (750 hours, 5% salt solution)	Pass	Less than 5% No. 6 blisters and less than 1/8" creep or tape off from the scribe per ASTM D1654
ASTM D2244	45° South Florida exposure	Pass	No objectionable color change.
ASTM D4214-07	45° South Florida exposure	Pass	No objectionable gloss loss or chalking.
EMMAQUA	Accelerated weathering (1,000,000 Langleys, Sun 10 Arizona exposure)	Pass	No objectionable gloss loss, chalking, color change or blistering.