



XT-40S SMP Super Durable Polyester
 Premium Exterior Coil Coating System



Product Bulletin

The **XT-40S Super Durable Polyester** coil coating finishes provide a new level of Long Term Exterior performance for building product applications. The **XT-40S** Series is formulated with a Proprietary Super Durable Polyester resin which provides superior resistance to chalking, fading and environmental weathering. The **XT-40** system which is silicone modified also uses only the highest quality Exterior Grade and Ceramic Pigmentation to insure the best available long term high U.V. radiation color and gloss retention.

The Long Term exterior weathering performance makes **XT-40S** coatings your cost effective choice for Commercial, Monumental and Residential applications. Ideal for use on all Building Components especially Roof and Side panels, Soffit, Fascia, etc. The improved coating hardness and abrasion resistance make it a perfect choice for roof tile and shingle applications.

Available in a wide variety of standard and custom colors, an efficient custom color matching process provides quick delivery of special colors to meet customer needs. **XT-40S** finishes are designed for application to primed Hot Dipped Galvanized, Zinc-Aluminum Alloy Steel (i.e. Zinalume®, Galvalume®), Cold Rolled Steel and Aluminum substrates.

The **XT-40S** Series is a Custom Warranted coating system designed to be applied as two-coat primer/finish system. Use of the DC477 Global Primer, or as approved DC410 Chrome-Free Primer, imparts exceptional physical properties and corrosion protection. Our Backer completes the system and provides excellent “wet stack” corrosion protection and its internal lubricants assist roll forming.

The **XT-40S** Series is also available in **DuraCool** cool roof formulations to meet minimum solar reflectance requirements for Energy Star approval criteria.

Performance Characteristics

SPECIFICATION	TEST	RESULTS	
ASTM D-523	60° Specular Gloss	10-80	Gardner 60° meter or equivalent
ASTM D-3363	Pencil Hardness	H – 3H	No break in the film
ASTM D-4145	Coating Flexibility	1-T to 2-T	No pick off with Scotch #610 tape
ASTM D-2794	Reverse Impact, 60-80 inch pounds	Passes	No pick off with Scotch #610 tape
ASTM G-53	Q.U.V. Weatherometer, 1000 hours	Passes	No objectionable chalking per ASTM D-659, color change per ASTM D-2244 or blistering per ASTM D-714
ASTM D-2247	Humidity, 1000 hours at 100°F and 100 % Humidity	Passes	Less than 5% No. 8 blisters
ASTM B-117	Salt Spray 1000 hours 5% Salt Solution	Passes	Less than 5% No 6 blisters and Less than 1/8” creep or tape off from the scribe per ASTM D-1654
ASTM D-2244-89	45° So. Florida Exposure 30 years, color retention	Passes	No objectionable, color change, Less than 5 DE units color change.
ASTM D-659-86	45° So. Florida Exposure 30 years, chalk resistance	Passes	No objectionable, gloss loss or chalking Rating of 8 vertical/Rating of 6 non-vertical

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