



SUPERDURE[®] XD-30
SUPER DURABLE COIL COATING





UNIQUE BENEFITS

- “Cool Color” Ceramic pigments used for reduced energy consumption
- Meets AAMA 2604
- Utilizes only the highest quality ceramic and select inorganic pigments
- Rivals 70% PVDF in color fade resistance
- Industry leading gloss and color retention
- Outstanding scratch and abrasion resistance
- Very flexible coating that withstands the most rigorous roll forming requirements
- Excellent resistance to stains, UV radiation, weather and humidity
- Two-coat application with proven performance when used over our SuperPrime or SuperPrime Coastal universal primers
- Long-term surface protection with competitive scratch resistance and film hardness

SUGGESTED MARKETS

- Commercial Building Products
- Residential Building Products

SUGGESTED END USES

- Roof and exterior wall panels
- Building components
- Agricultural buildings

NOT JUST DURABLE... SUPER DURABLE

SuperDure XD-30 is a high performance Super Durable coil coating system engineered to deliver exceptional durability, flexibility, gloss retention, and long-term color stability. Formulated with our proprietary advanced Super Durable polyester polymer, SuperDure XD-30 provides outstanding resistance to UV degradation, chalking, and chemical exposure—making it ideal for architectural, industrial, and metal building applications. Its unique resin system ensures excellent adhesion and flexibility, allowing it to perform in the most demanding roll forming applications without cracking or peeling. SuperDure XD-30 can also be formulated in our Ultra-Matte, Low Gloss/Low Sheen, Wrinkle, and Textured formulas.

SuperDure XD-30 utilizes only the highest-grade exterior ceramic pigments and offers a rich, long-lasting finish that maintains its appearance even under extreme weather conditions. Available in wide range of glosses, from our Ultra-Matte to High Gloss, this coating system enhances the protection of metal substrates and offers long term protection for your metal building. SuperDure XD-30 represents the latest generation of Super Durable coating innovation—combining strength, performance, and durability to deliver unmatched value in the field of high-end coil coatings.

SuperDure XD-30 is an ideal choice for agricultural, industrial, commercial and residential metal roofing and sidewall panels. SuperDure XD-30 coatings are designed for two-coat application on properly cleaned and pretreated aluminum and steel substrates, including hot-dip galvanized steel, stainless steel, ZAM®, GALVALUME® and ZINCALUME®.

When using Infrared Reflective (IR) “Cool Pigments”, SuperDure XD-30 SMP coatings also deliver an excellent balance of exterior gloss, color retention, chalk resistance and excellent flexibility in a wide variety of colors and gloss options — all while meeting cool roof requirements for LEED®, Cool Roof Rating Council (CRRC), California Title 24, Energy Star, ASHRAE 90.1 and numerous state, city and municipality voluntary codes.





THE SCIENCE BEHIND SUPERDURE XD-30 COATINGS

System built on a trusted, proven ultra durable silicone polyester resin

SuperDure XD-30 coatings use the same pigments that have been formulated for Titan's flagship ELITE® PVDF coatings, UltraDure XD-40 ultra durable SMP — all brands that offer superior weathering performance.

SuperDure XD-30 coatings are known for their resistance to the exterior elements. The harsh UV rays from the sun are no match for this high-performance coating technology. The most durable exterior grade pigments, combined with our proprietary super durable polyester resin, allow for beautiful long-lasting color for every building project.

Exposure testing in South Florida

SuperDure XD-30 coatings provide outstanding resistance to color and gloss fade. The coatings are tested at South Florida exposure sites. Pigments are tested extensively prior to approval for use and formulated for maximum efficiency.

Color Fade

1000 hours Q.U.V. 313B Bulbs

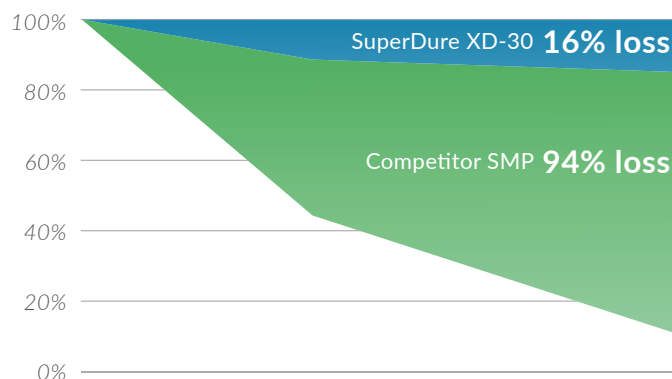
SuperDure XD-30 coatings retain color better than our competitor's SMP systems. Testing from Titan and a major competitor, we exposed the panels to harsh accelerated testing.



Gloss Retention

1000 hours Q.U.V. 313B Bulbs

When compared to our competitor's SMP system, the competition lost 90% of their gloss, while SuperDure XD-30 retained 9 times more gloss. This means that projects stay looking newer and cleaner for longer.



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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+
Solar Reflectance	ASTM E903, ASTM E1918 using portable reflectometer	0.25 (25%) min.	0.25 (25%) min.
Emissivity	ASTM C1371, ASTM E408	0.80 (80%) min.	0.80 (80%) min.
Pencil Hardness	ASTM D3363	F-2H	F-2H
Flexibility	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.
Abrasion, Falling Sand	ASTM D968	25-40 l/mil	25-40 l/mil
Mortar Resistance	ASTM C267	No effect	No effect
Detergent Resistance	ASTM D2248 3% detergent @ 100° F - 72 hrs.	No effect	No effect
Acid Resistance	ASTM D1308 10% muriatic acid - 15 min. 20% sulfuric acid - 24 hrs.	No effect	No effect
Acid Rain Test	Kesternich SO ₂ , DIN 50018	10 cycles No objectionable changes	10 cycles No objectionable changes
Alkali Resistance	ASTM D1308 10%, 20% NaOH, 1 hr.	No effect	No effect
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.	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	Max. 5 fade Max. 8 chalk	Max. 5 fade Max. 8 chalk

