

Give your roof the ultimate in protection

Taylor Metal Products' MarineGuard™ is your solution to challenging, aggressive saltwater and marine environments.

Coastal and industrial environments present unique challenges in regards to accelerated corrosion, UV exposure and surface glare. So much that standard warranties often carry exceptions for saltwater and marine environments.

With the support of our suppliers, Taylor Metal Products has designed a system with a warranty right up to the water's edge.

Every component of Taylor Metal Products' MarineGuard™ system has been selected for its ability to work together to provide superior performance.

For additional information on our paint systems and products please contact Taylor Metal Products' team at 1-800-574-1388. We are committed to making your experience with us, as well as our products, truly exceptional.

The MarineGuard™ System

24 Tru-Gauge™

Galvalume® / Zinalume®
Glavalume®/Zinalume® has a unique Zinc Aluminum alloy coating that combines the excellent barrier corrosion protection of aluminum, with the galvanic protection of zinc. Studies have shown Galvalume®/Zinalume® can last two to four times longer than galvanized coating in aggressive environments.

High-Build Urethane Primer

Taylor Metal Products applies a full 0.5mm corrosion inhibitive primer to both sides of our panel. Universal 0.2mm primers can not provide the underlying steel with the weather resistant protection offered by MarineGuard™.

Kynar 500® / Hylar 5000® Top Coat

We specify a full 0.8mm color coat of the industry-acknowledged, premier paint systems for coating exterior metal – Kynar 500®/Hylar 5000®. This high-performance polyvinylidene fluoride (PVDF) color coat provides ultimate resistance to color change, chalking and fading.

Low-Luster, UV Resistant Clear Coat

Our full 0.5mm clear coat encapsulates the entire MarineGuard™ paint system providing exceptional flexibility to inhibit corrosion on substrate bends. The low-luster reflectance of the clear coat helps reduce panel glare and provides a unique smoother appearance to roofing and wall panels.

The MarineGuard™ Promise

40/20 Year Limited Warranty

Warranties typically carry exceptions for material installed within 1,000 feet of saltwater or other marine environments. With the support of our suppliers, we are able to provide a 20-Year Limited Warranty against fading and chalking, right up to the water's edge. A 40-year warranty is available for non-coastal applications.

ENERGY STAR®

MarineGuard™ uses PPG Coil Coatings' proprietary Duranar® SPF Coatings. This infrared reflective pigment technology allows us to offer a wide range of consistent, stable colors that meet ENERGY STAR® requirements for Infrared Reflective Roof Products.

*Use MarineGuard™ on
your next project.*



Taylor Metal Products

MarineGuard™ Product Data

Paint Specifications

Test methods established by ASTM (American Society for Testing and Materials)

Tests	ASTM Test	MarineGuard™	KYNAR® 500/HYLAR 5000	SMP
Film Thickness	D-1005	.45-.65 mil primer .70-.90 mil top coat .45-.65 mil clear topcoat	.20 - .25 mil primer .75 - .90 mil finish coat	.20 - .25 mil primer .70 - .90 mil finish coat
Specular Gloss - Standard 60°	D-523	10% ± 5%	30% ± 5%	25% - 40%
Pencil Hardness	D-3363	HB - H	HB - H	F minimum
Weatherometer	D-822/G-23	5000 hours, accelerated weather testing, no checking, blistering or adhesion loss	3000 hours, accelerated weather testing no checking, blistering or adhesion loss	2000 hours, accelerated weather testing, no checking, blistering or adhesion loss
Color Change	D-2244	5000 hours, finish coat color change not to exceed 2 NBS units	3000 hours, finish coat color change not to exceed 3 NBS units	2000 hours, finish coat color change not to exceed 5 NBS units
Chalking Resistance	D-4214	5000 hours no chalking > #8	3000 hours, no chalking >#8	2000 hour, no chalking >#8
Salt Spray Resistance (5% neutral salt spray)	B-117	1200 hours, no blistering, or, up to a few #8 blisters; no loss of >1/8' avg. from score line	1000 hours, no blistering, or, up to a few #8 blisters; no loss of >1/8' avg. from score line	1000 hours, no blistering, or, up to a few #8 blisters; and no loss of >1/8' avg. from score line
Abrasion Resistance	D-968	120 liters of falling sand, minimum	60 liters of falling sand, minimum	30 liters of falling sand, minimum
Humidity Resistance (100% at 100° F)	D-2247	2000 hours, no cracking, blistering, peeling or softening	2000 hours, no crackling, blistering, peeling or softening	1000 hours, no cracking, blistering, peeling, or softening
Bend Adhesion	D-4145	No loss of adhesion when subjected to a 1T - 2T 180° bend test	No loss of adhesion when subjected to a 1T - 2T 180° bend test	No loss of adhesion when subjected to a 2T 180° bend test
Cross-Hatch Adhesion	D-3359	No paint removal with Scotch #610 cellophane tape after cross-scoring	No paint removal with Scotch #610 cellophane tape after cross-scoring	No paint removal with Scotch #610 cellophane tape after cross-scoring

Test information provided by PPG Industries based upon testing of their standard offerings.

Warranty Information

Taylor Metal Products, Inc. offers a comprehensive warranty for both MarineGuard™ and Kynar® 500/Hylar® 5000 painted materials. For complete warranty information please contact Taylor Metal Products' Team at 1-800-574-1388.

