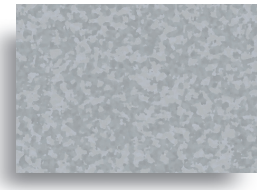
AEP Span Standard Colors & Coating Systems

The DuraTech® standard colors and coating systems combines the corrosion protection of Zincalume® with a highly durable *Cool* resin technology to reduce the demand for energy and provide excellent color retention.

DuraTech® *5000* Colors

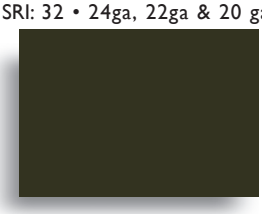


Zincalume® Plus (unpainted)
SRI: 32 • 24ga, 22ga & 20 ga

Cool Zinc Grey
SRI: 39 • 24ga & 22ga

Cool Parchment
SRI: 57 • 24ga & 22ga

Cool Regal White
SRI: 85 • 24ga & 22ga



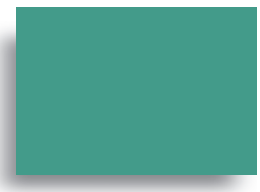
Cool Dark Bronze
SRI: 36 • 24ga & 22ga

Cool Sierra Tan
SRI: 57 • 24ga & 22ga

Cool Weathered Copper
SRI: 38 • 24ga & 22ga

Cool Tahoe Blue
SRI: 30 • 24ga & 22ga

Cool Colonial Red
SRI: 35 • 24ga & 22ga



Cool Marine Green
SRI: 45 • 24ga & 22ga

Cool Old Town Gray
SRI: 41 • 24ga & 22ga

Cool Red
SRI: 49 • 24ga & 22ga

Cool Forest Green
SRI: 29 • 24ga & 22ga

Cool Terra-Cotta
SRI: 41 • 24ga & 22ga

Cool Regal Blue
SRI: 30 • 24ga & 22ga

Cool Leaf Green
SRI: 29 • 24ga & 22ga

Cool Matte Black
SRI: 30 • 24ga & 22ga

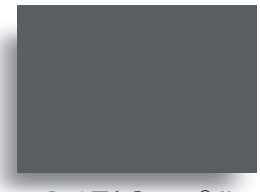
Cool Hemlock Green
SRI: 30 • 24ga & 22ga

Cool Jade Green
SRI: 31 • 24ga & 22ga

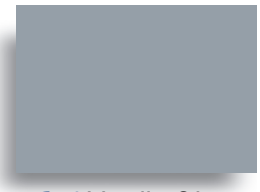
Note: Color swatches are for reference only and are limited by printing process and viewing conditions. Actual color samples are available upon request. Contact AEP SPAN representative for actual color samples prior to purchase.

SRI = Solar Reflective Index (ASTM E-1980, based on medium wind speed)

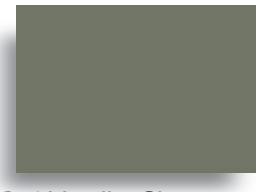
DuraTech® *mx* Colors (Metallic colors are subject to upcharge)



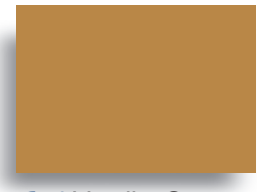
Cool ZACtique® II
SRI: 36 • 24ga & 22ga



Cool Metallic Silver
SRI: 59 • 24ga & 22ga



Cool Metallic Champagne
SRI: 53 • 24ga & 22ga



Cool Metallic Copper
SRI: 58 • 24ga & 22ga

METALLIC COATINGS NOTE:
Minor differences in both color and appearance are normal and to be expected with metallic coatings, as it is virtually impossible to match one metallic coating to another. Due to the coil application process, striations and longitudinal patterning may also show on these products. To minimize the possible visual effects of the normal minor differences in paint and its application, an entire job should be painted at one time. Additionally, fabricated panels, flat sheets, and flashings should be orientated in the same direction for installation.

CRRC COOL ROOF RATING COUNCIL ® MEMBER

ENERGY STAR

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Sales and Technical Support: 800-733-4955, 253-383-4955 fax 253-272-0791

DURATECH 5000 AND DURATECH *mx*

TESTS	ASTM TEST *	PERFORMANCE
PHYSICAL PROPERTIES AND DURABILITY		
Specular Gloss	D-523	8-25% at 60
Pencil Hardness	D-3363	HB minimum
Flexibility T-Bend	D-4145	No evidence of cracking. No loss of adhesion**
Cross Hatch Adhesion	D-3359	No adhesion loss
Reverse Impact	D-2794	No cracking or loss of adhesion
Abrasion, Falling Sand	D-968	65 liters
Flame Test	E-84	Class A coating
ATMOSPHERIC AND POLLUTANT RESISTANCE		
Acid Pollutants	D-1308 Sulfuric Acid Muriatic Acid Sodium Hydroxide	 No bleaching No color change, no blistering No color change, no blistering
Acid Rain Test	Kesternich	15 cycles minimum
Alkali Resistance	Kesternich	No effect
Salt Spray Resistance	B-117	Passes 1,000 hours, coated steel**
Cyclic Salt Fog	B-5894	2,000 hours passes adhesion
Humidity Resistance @ 100°	B-2247	Passes 2,000 hours, coated steel**
WEATHERING		
South Florida Exposure	D-2244	<5 NBS units change
UVB	D-822	Passes 3,000 hours
Chalk Resistance	D-659	Rating of 8 minimum

* All tests performed to the latest ASTM revision. The rest results set forth are representative of the results obtained by the paint manufacturer. Warranties of the product are exclusively set forth in the applicable contract documents.

** Performances on G90, Zincalume, Galvalume.

Profile	Coverage	24 ga	22 ga	20 ga	18 ga
Box Rib®/Reverse Box Rib	36”	Stocked	Stocked	Bare only stocked	Not Stocked
Design Span® *hp*/Batten	16”, 17”	Stocked	Stocked	N/A	N/A
Design Span® *hp*/Batten	12”	Stocked	Stocked	N/A	N/A
Design Span® *hp*/Batten	18”	Stocked	Not Stocked	N/A	N/A
HR-36®	36”	Stocked	Stocked	Bare only stocked	Not Stocked
Klip Rib®	16”	Stocked	Stocked	N/A	N/A
Mini-V-Beam	32”	Stocked	Stocked	Bare only stocked	Not Stocked
Nu-Wave® Corrugated	32” (34⅔ Wall)	Stocked	Stocked	Bare only stocked	N/A
Prestige Series®	12”	Stocked	Stocked	Not Stocked	Not Stocked
Select Seam® Narrow Batten	21¼”	Stocked	Stocked	N/A	N/A
Select Seam® Narrow Batten	16”	Stocked	Stocked	N/A	N/A
Select Seam® Narrow Batten	12”	Stocked	Not Stocked	N/A	N/A
Select Seam® Wide Batten	22½”	Stocked	Stocked	N/A	N/A
Select Seam® Wide Batten	17¼”	Stocked	Stocked	N/A	N/A
Select Seam® Wide Batten	13¼”	Stocked	Not Stocked	N/A	N/A
Span-Lok™ hp	16”, 12”	Stocked	Stocked	N/A	N/A
Curved Span-Lok™	16”	Stocked	Stocked	N/A	N/A
SpanSeam™	16”	Stocked	Stocked	N/A	N/A
Flat Sheet	46”	Stocked	Stocked	Bare only stocked	Not Stocked
Flat Sheet	48⅜”	Stocked	Not Stocked	Not Stocked	Not Stocked

Notes:
N/A - not available in that gage
Stocked - stocked in the colors shown on chart
Not Stocked - minimum order size and longer lead times may apply

Not all profiles are manufactured in all locations.

DESCRIPTION: DuraTech 5000 is a premium fluoropolymer (PVDF) coating system. DuraTech mx is a premium fluoropolymer (PVDF) pearlescent coating system. When applied and cured on properly prepared substrates, DuraTech coatings exhibit exceptional color stability, chalk resistance, durability, abrasion resistance, chemical resistance and flexibility.

COMPOSITION & APPLICATION: DuraTech 5000 and DuraTech mx coatings shall contain a minimum of 70% fluoropolymer resin. These coating systems, including primer, are to be applied by coil coaters experienced in handling 70% Kynar 500® or Hylar 5000® PVDF resin-based coatings.

ZINCALUME® SUBSTRATE: The Zincalume® and Galvalume® coatings are AZ50 and is comprised of a 45% zinc, and 55% aluminum alloy by weight.

PRETREATMENT: All substrates are pre-treated in accordance with paint manufacturer’s instructions. The pretreatment is to provide a suitable surface for application of the recommended primer.

COLORS: DuraTech 5000 and DuraTech mx are available in a wide selection of pre-formulated standard colors, which is shown on chart. Custom colors can also be formulated.

GLOSS: DuraTech 5000 coatings are supplied with a gloss of 8-15% at 60° per ASTM D-523. DuraTech mx (metallics) have a gloss rating of 15-25% at 60° per ASTM D-523.

FILM THICKNESS: The nominal dry film thickness for DuraTech coatings is a nominal 1.0 mil. The primer is applied with a 0.15-0.30 mil and top coat is applied at a nominal 0.70-0.80 mils. Backer system is a polyester coating applied over a primer with total dry film thickness of 0.50-0.65 mil thickness.

Thick Film - A high-build DuraTech 5000 or DuraTech mx coating system is also available on special order. It is normally applied at a total dry film thickness of 1.5-2.0 mils. For this system, high build primer is applied at a nominal 0.8-1.2 mils and topcoat is applied at a nominal 0.70-0.80 mils.

Clear Coat - A 0.5 mil clear coat also available on special order. Can be applied as a top coat on a 3 or 4 coat system on special order.

FINISH WARRANTIES
Warranties for chalk, fade and film integrity are available in durations of up to 30 years for DuraTech 5000 colors and up to 25 years for DuraTech mx (metallics). All AEP Span panels are offered with a corrosion warranty on the Zincalume substrate. Terms can be affected by factors such as environment. Inquire for details.

OIL CANNING
All flat metal surfaces can display waviness commonly referred to as “oil canning”. This is caused by steel mill tolerances, variations in the substrate and relative reflectivity of the material. “Oil canning” is an inherent characteristic of steel products, not a defect, and therefore is not a cause for panel rejection.

COLORS BY REQUEST
AEP Span continues to carry on the tradition of matching custom colors. Show us the color you want and AEP Span will supply it.

TECHNICAL SUPPORT
Consult with a Technical Representative to specify appropriate materials and finishes for individual project conditions. Actual panel and color samples are available upon request.

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