

AEP Span Premium Colors & Coating Systems

The colors below are offered as part of the AEP Span DuraTech® color palette but will be supplied as a Non-Standard color. Contact an AEP Span representative for lead times, costs and minimum quantities.



Non-Standard DuraTech® Colors and Finishes



Rustique®
SRI: 32



Antique Patina
SRI: 29 Metallic Coating (see note)



Choose Your Color
Custom Colors Available

Note: All 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.

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.



Vintage®
SRI: 21

VINTAGE®

Aged metallic faceted look without the wait. Vintage is a premium finish providing the warmth, character, and depth of exposed steel without the wait. Vintage is offered over G90 galvanized steel for long-lasting performance, and comes with a 20 year chalk and film integrity warranty. Available in all AEP Span panels in 24ga and 22ga. Vintage is the perfect choice for architectural applications.

Contact AEP Span today for more information about making Vintage a part of your next project.

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

FOR MORE INFORMATION VISIT US ONLINE TODAY AT WWW.AEPSPAN.COM

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

PREMIUM DURATECH COLORS

TESTS	ASTM TEST *	PERFORMANCE
PHYSICAL PROPERTIES AND DURABILITY		
Specular Gloss	D-523	10-35°
Pencil Hardness	D-3363	HB minimum
Flexibility, T-Bend Mandrel	D-522	1-2T coated steel**
Adhesion	D-3359	No adhesion loss
Reverse Impact	D-2794	No cracking or loss of adhesion
Abrasion, Falling Sand	D-968	65-85 l/mil
Mortar Resistance	C-267	No effect
Detergent Resistance 3% Detergent, 100°F, (72 hrs.)	D-2248	No effect
ATMOSPHERIC AND POLLUTANT RESISTANCE		
Acid Pollutants	D-1308 10% Muriatic Acid (15 min) 20% Muriatic Acid (15 min)	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 5% @ 95°F	B-117	Passes 1,000 hrs. coated steel**
Cyclic Salt Fog	B-5894	2000 hours - passes adhesion per ASTM D-3359, ASTM D-714 rating of panels was an #8 size blisters, few in density. Creep from scribe <3.00 mm.
Humidity Resistance 100% @ 95°F	D-2247	Passes 1,000 hrs. coated steel**
WEATHERING		
South Florida exposure	D-2244	<5 NBS units change
UVB (313 bulbs)	D-822	Passes, 3,000 hrs.
Chalk Resistance	D-659	Rating of 8 min.

VINTAGE

TESTS	ASTM TEST *	PERFORMANCE
PHYSICAL PROPERTIES AND DURABILITY		
Specular Gloss	D-523	20-40% at 60°
Pencil Hardness	D-3363	3H-4H
Flexibility, T-Bend Mandrel	D-4145	2-T coated galvanized G90 steel
Adhesion	D-3359	No adhesion loss
Reverse Impact	D-2794	No cracking or loss of adhesion
Abrasion, Falling Sand	D-968	65-85 l/mil
ATMOSPHERIC AND POLLUTANT RESISTANCE		
Acid Rain Test	Kesternich	10 cycles minimum
Salt Spray Resistance 5% @ 95°F	B-117	Passes 1,000 hrs. coated galvanized G90 steel
Humidity Resistance 100% @ 95°F	D-2247	Passes 1,000 hrs. coated galvanized G90 steel
WEATHERING		
South Florida exposure	D-2244	<2 NBS units change
UVB (313 bulbs)	D-822	Passes, 3,000 hrs.
Chalk Resistance	D-4214	Rating of 8 min.

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

** Performances for DuraTech Dimensional Prints tested on galvanized G90, Zinalume, Galvalume.

AEP Span continues to carry on the tradition of matching custom colors.

Show us the color you want and AEP Span will supply it.

DESCRIPTION: DuraTech® Dimensional Prints are a premium fluoropolymer (PVDF) 2 pass 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® Dimensional Prints 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.

SUBSTRATE: DuraTech® Dimensional prints have a Zinalume substrate, 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.

GLOSS: DuraTech® Dimensional Print coatings are supplied with a gloss of 15-30% at 60° per ASTM D-523.

FILM THICKNESS: DuraTech® Dimensional Print coatings are applied at a total dry film thickness of 1.1 -1.4 mils. The primer is applied at 0.2 mils and top and print coat is applied at a nominal 0.9-1.2 mils.

Thick Film - A high-build coating system is also available on special order.

Clear Coat - A 0.5 mil clear coat also available on special order.

DESCRIPTION: Vintage® is a premium fluoropolymer (PVDF) coating system on galvanized, G90 steel. When applied and cured on properly prepared substrates, Vintage coatings exhibit exceptional chalk resistance, durability, abrasion resistance, chemical resistance and flexibility. Vintage has a light gray backer system.

COMPOSITION & APPLICATION: Vintage® contains 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.

SUBSTRATE: Vintage® has a galvanized G90 substrate.

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.

GLOSS: Vintage® coatings are supplied with a gloss of 20-40% at 60° per ASTM D-523.

FILM THICKNESS: Vintage® coatings are applied at a total dry film thickness of 0.70-0.90 mils. The primer is applied at 0.20-0.30 mils, top coat is applied at a nominal 0.5-0.60 mils and backer is applied at 0.30-0.40 mils.

FINISH WARRANTIES

DuraTech® Dimensional Prints come with up to a 25 year warranty for chalk, fade and film integrity. Vintage comes with up to a 20 year chalk and film integrity warranty. Terms can be affected by factors such as environment, such as proximity to salt water or industrial applications. 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.

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.

FOR MORE INFORMATION VISIT US AT WWW.AEPSAN.COM
Sales and Technical Support: 800-733-4955, 253-383-4955 fax 253-272-0791

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