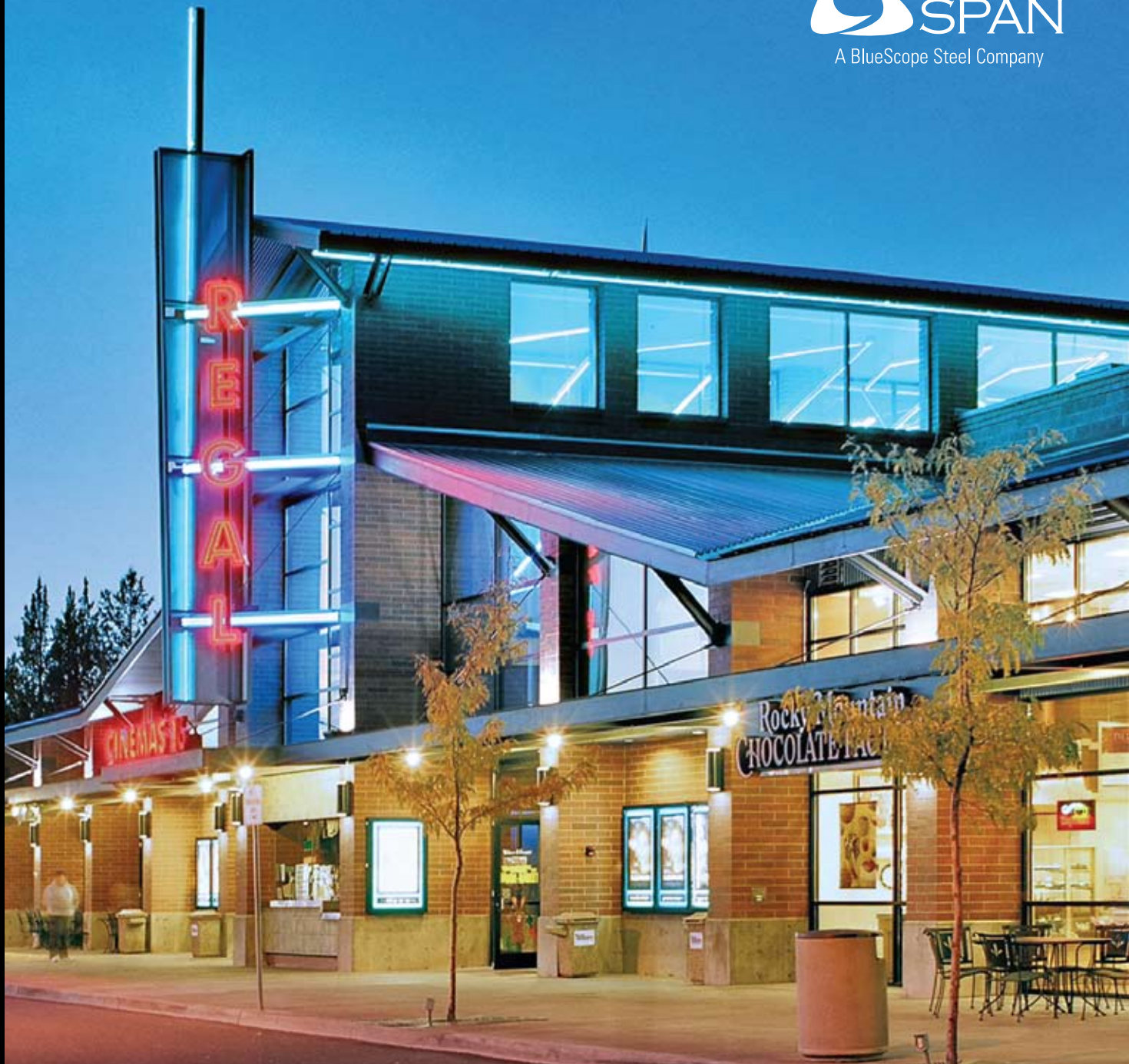


**AEP Span**

Architectural Products in DuraTech® Colors and Finishes

# COLOR

*Cool Roof Colors*



Regal Cinemas, Bend OR

[www.aepspan.com](http://www.aepspan.com)

# AEP Span Standard Colors & Coating Systems

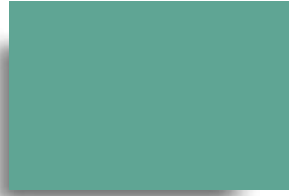
## DURATECH 5000 COLORS



*Cool Zinc Grey*  
R 38.6 • E .85 • SRI 41



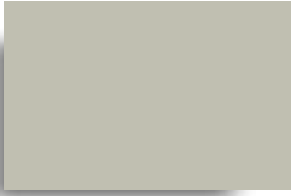
*Cool Colonial Red*  
R 30.1 • E .85 • SRI 30



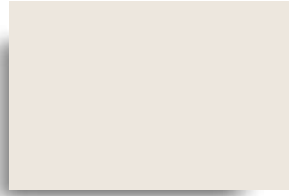
*Cool Marine Green*  
R 40.5 • E .86 • SRI 44



*Cool Old Town Gray*  
R 40.5 • E .85 • SRI 44



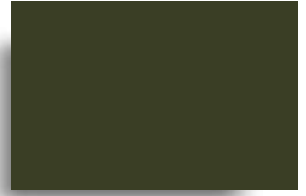
*Cool Parchment*  
R 52.6 • E .83 • SRI 60



*Cool Regal White*  
R 72.2 • E .86 • SRI 88



*Cool Red*  
R 40.5 • E .86 • SRI 44



*Cool Dark Bronze*  
R 28.7 • E .83 • SRI 27



*Cool Sierra Tan*  
R 49.1 • E .86 • SRI 56



*Cool Weathered Copper*  
R 32 • E .86 • SRI 33



*Cool Forest Green*  
R 29.5 • E .84 • SRI 29



*Cool Tahoe Blue*  
R 28.9 • E .85 • SRI 25



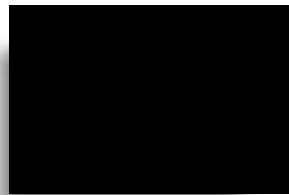
*Cool Terra-Cotta*  
R 35.5 • E .86 • SRI 38



*Cool Regal Blue*  
R 26.8 • E .85 • SRI 26



*Cool Leaf Green*  
R 25.5 • E .84 • SRI 23



*Cool Matte Black*  
R 25.4 • E .83 • SRI 23

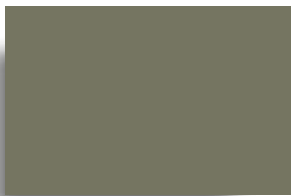


*Cool Hemlock Green*  
R 31.9 • E .85 • SRI 32

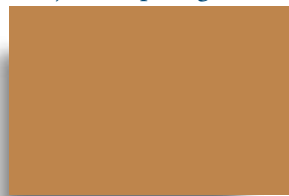


*Cool Jade Green*  
R 26.5 • E .84 • SRI 25

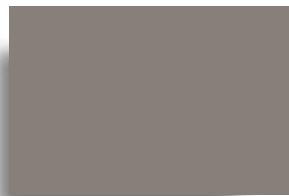
## DURATECH MX COLORS \*subject to upcharge



*Cool ZACTique II <sup>1\*</sup>*  
R 31.3 • E .85 • SRI 32



*Cool Metallic Copper <sup>1\*</sup>*  
R 43.1 • E .85 • SRI 47



*Cool Metallic Silver <sup>1\*</sup>*  
R 48.9 • E .88 • SRI 56



*Cool Metallic Champagne <sup>1\*</sup>*  
R 44.8 • E .85 • SRI 50

## Build Green with AEP

AEP Span helps you design and build sustainable projects that look great and stand the test of time. All AEP Span profiles are made from recycled steel and are offered in a full spectrum of energy saving Cool Colors. These standard DuraTech 5000 Cool Colors come with a 30 year warranty. Contact your AEP Span representative for more information.

R = Solar Reflectivity (ASTM E-903, C-1549)  
E = Emissivity (ASTM C-1371)  
SRI = Solar Reflective Index (ASTM E-1980, based on medium wind speed)

Color swatches are for reference only - limited by printing process and viewing conditions. Actual color samples are available upon request. Please contact your AEP Span representative.



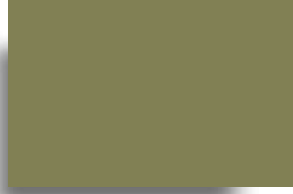


# Premium Colors & Coating Systems

## NON-STANDARD DURATECH® COLORS & FINISHES



Cool Rustique®



Cool Antique Patina<sup>l</sup>



Cool Aegean Copper<sup>l</sup>



Weathering Copper<sup>l</sup>

**NON-STANDARD.** The colors above 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.

### PROFILE AVAILABILITY BY GAUGE *in DuraTech®5000, DuraTech®mx (metallic), ZACTique®II, Copper<sup>^</sup> and Aluminum*

Profile	Net Coverage	24 Ga	22 Ga	20 Ga	18 Ga	Copper <sup>^</sup>	Aluminum	Location
Box Rib	36"	•	•***	†	†			F
Cap Seam	12", 18", 20"	•	•***			†	†	D
	16"	†	†			†	†	D
Curved Cap Seam	12", 18", 20"	•	•***			†	†	D
	16"	†	†			†	†	D
Curved High Seam	11 <sup>7</sup> / <sub>8</sub> ", 17 <sup>7</sup> / <sub>8</sub> ", 19 <sup>7</sup> / <sub>8</sub> "	•				†	†	D
	15 <sup>7</sup> / <sub>8</sub> "	†				†	†	D
Design Span® <i>bp</i> /Batten	17", 12"	•	•***					F/T
	18", 24"	†	†			†		F/T
Flush Panel	12"	•	•***			†	•*	D
High Seam	12", 18", 20"	•	•***			†	†	D
	16"	•	†			†	†	D
HR-36® Roof or Wall	36"	•	•***	†	†			T/F
Klip-Rib®	16"	•	•***					T/F
Mini V Beam	32"	•	•***	†	†			T
NuWave® Corrugated	32", 34 <sup>7</sup> / <sub>8</sub> "	•	•***	†				F
Prestige Series®	12"	•	•***	†	†			D/F/T
Reversed Box Rib	36"	•	•***	†	†			F
Select Seam® Narrow Batten	16"	•	•***			†		F
	21 <sup>1</sup> / <sub>4</sub> "	•	•***			•		F
Select Seam® Wide Batten	17 <sup>1</sup> / <sub>4</sub> "	•	•***			†		F
	22 <sup>1</sup> / <sub>2</sub> "	•	•***			•		F
Snap-On Batten	16", 24"	•	•***			†	†	D
Snap Seam®/Batten	10", 12", 16", 18"	•	•***			†	†	D
	24"	†	†			†	†	D
Span-Lok <i>bp</i> 2" Rib ht.	16"	•	•***					T/D
Span-Lok Curved 2" Rib Ht	16"	•	•***			†	†	T/D
SpanSeam 2" Rib ht.	16"	•	•***			†	†	T/D
SpanSeam 2" Rib ht.	12"	†	†			†	†	D
Span-Lok/SpanSeam 3" Rib ht.	16"	•	•***			†	†	D
46" Flat Sheet		•	•***	†	†			D/F/T
48-3/8" Flat Sheet		•	•***					F/T/D

#### LEGEND

- Standard offer
- † Offered as a non-standard product.
- <sup>^</sup> Copper not offered from Tacoma, WA.
- \* Standard in Cool Regal White and Cool Parchment only. Non-Standard in all other colors.
- \*\*\*Available in selected colors
- D = Dallas, TX
- T = Tacoma, WA
- F = Fontana, CA

1. 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.

# SPECIFICATIONS

## 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.

## Substrate

The Zinalume® 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 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 10-30% at 60° per ASTM D-523. DuraTech mx (metallics) have a gloss rating of 20-35% at 60° per ASTM D-523.

## Film Thickness

DuraTech coatings are applied at a total dry film thickness of 1.0 -1.1 mils. The primer is applied at 0.2 mils and topcoat is applied at a nominal 0.8-0.9 mils.

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 1.8-2.0 mils. For this system, high build primer is applied at a nominal 0.9-1.0 mils and topcoat is applied at a nominal 0.9-1.0 mils.

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

Zinalume® is a registered trademark of BlueScope Limited.  
Galvalume® is a registered trademark of BIEC International, Inc.

## 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.



## Sales Support:

Fontana, CA 800-272-2466, 909-823-0401, fax 909-823-2625  
Tacoma, WA 800-733-4955, 253-383-4955, fax 253-272-0791  
Dallas, TX 800-527-2503, 214-827-1740, fax 214-828-1394

## 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

Call AEP Span to consult with a Technical Representative to specify appropriate materials and

TESTS	ASTM TEST *	PERFORMANCE
<b>Physical Properties and Durability</b>		
Specular Gloss	D-523	10-35°
Pencil Hardness	D-3363	HB-H
Flexibility, T-Bend Mandrel	D-4145	1-T aluminum 2-T 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
<b>Atmospheric and Pollutant Resistance</b>		
Acid Pollutants	D-1308 10% Muriatic Acid (15 min) 20% Muriatic Acid (15 min) AAMA 605.2	No effect No effect <5 units color change
Acid Rain Test	Kesternich	15 cycles minimum
Alkali Resistance	Kesternich	No effect
Salt Spray Resistance 5% @ 95°F	B-117	Passes 3,000 hrs. aluminum, 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 3,000 hrs. aluminum, Passes 1,000 hrs. coated steel**
<b>Weathering</b>		
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.

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

\*\* Performances on G-90, Zinalume, Galvalume and other approved zinc/aluminum coated steel.

Kynar 500® is a registered trademark of Arkema Inc.,  
Hylar 5000® is a registered trademark of Ausimont USA, Inc.

finishes for actual project conditions. Actual panel samples and colors are available upon request.

## 30 Year Warranty

Warranties for chalk, fade and film integrity are available in durations of 30 years for DuraTech 5000 colors and 20 years for DuraTech mx (metallics). Terms can be affected by factors such as environment. Inquire for details.

## Technical Support:

In CA, NV, AZ, NM, CO, UT, and HI call (800) 400-3867  
AK, WA, OR, ID, MT, WY, CO (800) 447-2477  
East of the Rockies call (800) 527-2503