

AEP SPAN

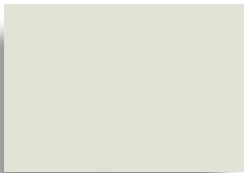
color

Commercial & Industrial Products in COOL DuraTech® nt

The DuraTech® nt system featuring Energy Saving Cool Colors

AEP Span's Commercial & Industrial steel panels are designed to give superior performance in harsh environments and provide energy savings with the **Cool DuraTech® nt** coating system. The **DuraTech® nt** systems combines the corrosion protection of Zinalume® with a highly durable Cool resin technology to reduce the demand for energy and provide excellent color retention.

Expect the **DuraTech® nt** coating system to provide long lasting good looks.



Cool Surf White¹
R .59 • E .86 • SRI 70



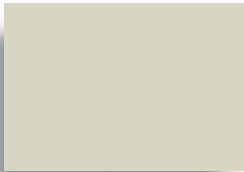
Cool Old Town Gray
R .35 • E .87 • SRI 37



Cool Tahoe Blue
R .30 • E .83 • SRI 29



Cool Rustic Red
R .35 • E .85 • SRI 36



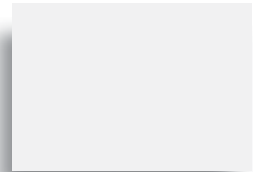
Cool Light Stone
R .57 • E .85 • SRI 66



Cool Chestnut Brown
R .30 • E .87 • SRI 31



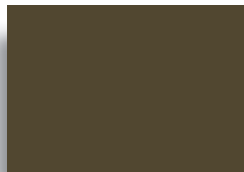
Cool Denali Green
R .26 • E .86 • SRI 25



Cool Winter White
R .70 • E .86 • SRI 85



Cool Desert Beige¹
R .49 • E .87 • SRI 56



Cool Weathered Copper
R .34 • E .87 • SRI 36



Zinalume® Plus (Bare Steel)
R .58 • E .06 • SRI 32

¹Surf White and Desert Beige in 29 gauge are also available in ColorGuard xt, a polyester coating. Contact your AEP Span representative for more information and product availability.

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)



A BlueScope Steel Company

Limited by printing process and viewing conditions, color swatches are for reference only. Actual sample color chips are available to verify color. Not all colors available in all gauges from all locations. Product standards subject to change without notice.

Visit us at www.aepspan.com

Commercial & Industrial Products in COOL DuraTech[®] nt

Color and Gauge Chart - Inquire Regarding Delivery

Coatings & Colors	Super-Span [®] Mini-V-Beam		NuWave [®]	Box Rib, HR-36 [®] , X-Span [®]		U-Panel	
	26ga	24ga	26ga	29ga	26ga	26ga	24ga
COOL DuraTech[®] nt							
Chestnut Brown			26ga		26ga		
Desert Beige	26ga		26ga	29ga ¹	26ga	26ga	
Light Stone	26ga					26ga	
Rustic Red	26ga		26ga		26ga	26ga	
Surf White	26ga	24ga	26ga	29ga ¹	26ga	26ga	24ga.
Winter White	26ga					26ga	
Denali Green	26ga		26ga		26ga	26ga	
Old Town Gray	26ga		26ga		26ga	26ga	
Tahoe Blue	26ga		26ga		26ga	26ga	
Weathered Copper	26ga					26ga	

¹ 29ga Surf White and Desert Beige are in ColorGuard xt, a polyester coating.

Specifications for DuraTech[®] nt

AEP Span's DuraTech nt two coat nominal 1 mil thick paint system, composed of a primer and a silicone-polyester based topcoat, applied over Zinalume[®] zinc-aluminum coated steel.

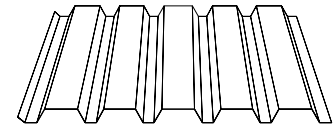
DuraTech[®] nt Technical Data:

1. Dry Film Thickness, 0.70-0.80 mil topcoat, 0.20-0.30 mil primer, per ASTM D-1400, D-1005, D-4138
2. Specular Gloss – 8 - 35 at 60°, per ASTM D-523
3. Pencil Hardness - F to 2H Berol Turquoise Pencil, per ASTM D-3363
4. Flexibility - T-bend, no tape removal of film for 2T to 4T Bend per ASTM D-4145
5. Adhesion Crosshatch – No loss of adhesion 1.5 times metal thickness per ASTM D-3359
6. Adhesions Reverse Impact - No adhesion loss from impact in 3x metal thickness in inch-lbs., per ASTM D-2794
7. Abrasion - Falling Sand, 25-40 liters minimum to expose 5/32" of substrate, per ASTM D-968
8. Acid Pollutants - No discoloration after 20% Sulfuric Acid, 24 hours, per ASTM D-1308
9. Acid Pollutants - No discoloration after 10% Muriatic Acid, 15 minute, per ASTM D-1308
10. Salt Fog - Passes 1000 hours in 5% salt fog @ 95° F - (1/8" maximum average scribe creep. None or few #8 field blisters.), per ASTM B-117
11. Humidity - Passes 2000 hours in 100% relative humidity @ 95° F (no blisters, crack or peel), per ASTM D-2247
12. Color Retention – Less than 5 units color change after 5 years South Florida exposure @ 45° S, per ASTM D2244
13. Chalk Resistance - Maximum 8 Chalk after 5 years Florida exposure @ 45° S, per ASTM D-4214
14. Solar Reflectivity (IR) – minimum 0.25 (25%) per ASTM E-903-96, C-1549 (cool colors only)
15. Emissivity – minimum 0.80 (80%) per ASTM C-1371-98 (cool colors only)

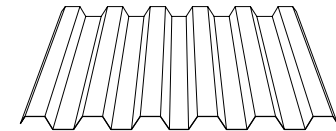
All tests performed to the latest ASTM revision.

Oil Canning

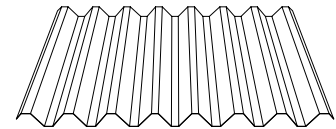
All flat metal surfaces can display waviness commonly referred to as "oil canning". "Oil canning" is an inherent characteristic of steel products, not a defect, and therefore is not a cause for panel rejection.



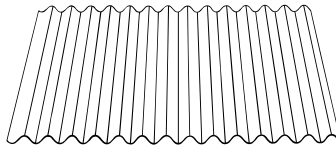
Box Rib



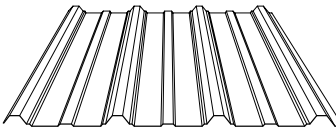
HR-36[®]



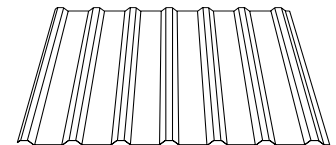
Mini-V-Beam



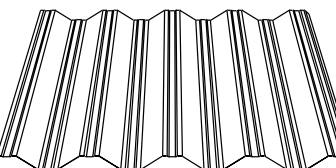
Nu-Wave[®] Corrugated



Super-Span[®]



U-Panel



X-Span[®]

Contact us at
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www.aepspan.com