Colors and Coatings

# High Performance Color Coating Systems

#### INSULATED METAL WALL & ROOF SYSTEMS







Colors shown are for illustration purposes only. Metal samples are available upon request.

### **Standard Colors**

### valspar

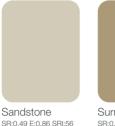
- 0.8 mil color coat 0.2 mil primer Substrate

### Weather X – Siliconized Modified Polyester (SMP)

WEATHER X coating systems utilize only ceramic and inorganic pigments offering superior color stability, chalk and fade resistance as well as gloss retention.

SMP





Surrey Beige SR:0.41 E:0.86 SRI:45



Imperial White SB:0.62 E:0.86 SBI:74

#### Solid Fluropon<sup>®</sup> PVDF Colors – Kynar 500<sup>®</sup> / Hylar 5000

Fluropon coatings are durable polyvinyldene coating system containing 70% Kynar or Hylar resins, ceramic and other inorganic pigments. This system provides a powerful chemical bond, superior resistance to ultraviolet radiation resulting in exceptional color retention, resistance to chalking and chemical degradation.

Category 1

						0.8 mil color coat 0.2 mil primer Substrate
Regal White SR:0.70 E:0.86 SRI:85	Ascot White SR:0.69 E:0.85 SRI:83	Bone White SR:0.69 E:0.84 SRI:83	Driftwood SR:0.45 E:0.86 SRI:50	Sandstone SR:0.61 E:0.85 SRI:72	Surrey Beige SR:0.48 E:0.86 SRI:54	
Category 2						
Dove Gray SR:0.47 E:0.86 SRI:53	Zinc Gray SR:0.35 E:0.86 SRI:37	Rawhide SR:0.55 E:0.85 SRI:64	Parchment SR:0.53 E:0.85 SRI:61	Rock Tan SR:0.62 E:0.86 SRI:74	Taupestone SR:0.27 E:0.86 SRI:26	
Spartan Bronze	Redwood	Slate Blue			<u> </u>	A CAR
SR:0.31 E:0.85 SRI:31	SR:0.38 E:0.86 SRI:41	SR:0.28 E:0.85 SRI:27			R	
				1		
Colonial Red SR:0.32 E:0.86 SRI:33	Evergreen SR:0.26 E:0.85 SRI:24	Regal Blue SR:0.26 E:0.85 SRI:24	Tahoe Blue SR:0.26 E:0.85 SRI:24			

SR (Solar Reflectivity)

Е

(Emissivity)

This is the ability of a material to reflect solar energy back into the atmosphere. Rated on a scale from 0 to 1, where 1 is the most reflective. Emissivity is the materials ability to release absorbed energy back into the atmosphere. Rated on a scale from 0 to 1, where 1 is the most emissive.

SRI (Solar Reflective Index) This is used to determine compliance with LEED® requirements and is calculated according to ASTM E 1980 using values for reflectance and the materials ability to release absorbed energy (emissivity) in medium wind speed conditions. Rated on a scale from 0 to 1, where 1 is the most reflective.

## **Premium Colors**

#### Mica Fluropon Classic® II PVDF Colors

The coating system consists of a special primer and a durable color coat containing mica pearlescent flakes. Due to the orientation of aluminum / pearlescent flake pigments during application, the appearance will be directional in nature on metallic coatings.





Zinc SR:0.53 E:0.79 SRI:59

SR:0.55 E:0.79 SRI:62

Champagne Pearl SR:0.48 E:0.81 SRI:53

SR:0.44 E:0.78 SRI:46

Champagne Bronze Weathered Zinc SR:0.33 E:0.84 SRI:33



Copper Penny

SR:0.48 E:0.84 SRI:54



### Metallic Fluropon Classic® PVDF Colors

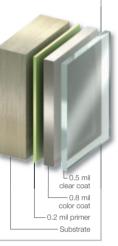
Metallic coatings employ metal flakes in the color coat. The system uses a special primer, a 70% Kynar 500® or Hylar 5000® resin based Fluropon color coat and a clear topcoat, to provide outstanding color and gloss retention, increased abrasion resistance and added protection against atmospheric contaminants.











0.2 mil primer

Substrate

Bright Silver SR:0.57 E:0.81 SRI:65

### SR:0.34 E:0.88 SRI:36

Champagne Gold SR:0.51 E:0.85 SRI:58

Pewter SR:0.31 E:0.86 SRI:31 Medium Bronze SR:0.19 E:0.85 SRI:15

Dark Bronze SR:0.12 E:0.83 SRI:5



Teton Gray

Foxwood Beige

Dakota Bronze

Cascade Sand

Monterey Gold



Kingspan offers a full spectrum of vibrant colors for every color scheme. The high performance coatings provide long-life protection, color and gloss retention. Custom color matching is available to meet individual building designs and creative freedom.







### **Kingspan USA**

Kingspan Insulated Panels: Deland, FL; 386-626-6789 Modesto, CA; 209-531-9091 Kingspan Benchmark: Columbus, OH; 614-444-0110 Email: info.us@kingspanpanels.com www.kingspanpanels.us

### Kingspan Canada

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