High Performance Color Coating Systems

Building Envelope Design Solutions

Kingspan® Insulated Panels
Standard Colors

Weather XL – Siliconized Modified Polyester (SMP)

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

### SMP

- **Driftwood**
  - SR: 0.49 E: 0.86 SRI: 56

- **Sandstone**
  - SR: 0.41 E: 0.86 SRI: 45

- **Surrey Beige**
  - SR: 0.40 E: 0.86 SRI: 44

- **Imperial White**
  - SR: 0.62 E: 0.86 SRI: 74

### MP (Modified Polyester)

- **Driftwood**
  - SR: 0.55 E: 0.86 SRI: 64

- **Sandstone**
  - SR: 0.53 E: 0.86 SRI: 59

- **Surrey Beige**
  - SR: 0.48 E: 0.86 SRI: 54

Solid Fluoron® PVDF Colors – Kynar 500®/Hylar 5000

Fluoron coatings are durable polyvinylidene 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

- **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: 57

- **Rawhide**
  - SR: 0.57 E: 0.85 SRI: 64

- **Parchment**
  - SR: 0.53 E: 0.85 SRI: 61

- **Rock Tan**
  - SR: 0.62 E: 0.86 SRI: 74

- **Spartan Bronze**
  - SR: 0.37 E: 0.86 SRI: 32

- **Redwood**
  - SR: 0.58 E: 0.86 SRI: 41

- **Slate Blue**
  - SR: 0.26 E: 0.85 SRI: 27

#### Category 3

- **Colonial Red**
  - SR: 0.32 E: 0.86 SRI: 55

- **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

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**SR (Solar Reflectivity)**

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.

**E (Emissivity)**

Emissivity is the ability of the material 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 Fluoron 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.

Silversmith
SR:0.53 E:0.79 SRI:59
Zinc
SR:0.55 E:0.79 SRI:62
Champagne Pearl
SR:0.48 E:0.81 SRI:53
Champagne Bronze
SR:0.44 E:0.78 SRI:46
Weathered Zinc
SR:0.33 E:0.84 SRI:33
Copper Penny
SR:0.48 E:0.84 SRI:54

Metallic Fluoron 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 Fluoron color coat and a clear topcoat, to provide outstanding color and gloss retention, increased abrasion resistance and added protection against atmospheric contaminants.

Bright Silver
SR:0.57 E:0.81 SRI:65
Rosalind Rose
SR:0.54 E:0.88 SRI:56
Champagne Gold
SR:0.51 E:0.85 SRI:58
Pewter
SR:0.51 E:0.86 SRI:51
Medium Bronze
SR:0.19 E:0.85 SRI:15
Dark Bronze
SR:0.12 E:0.83 SRI:5

Granitstone®

Granitstone® Panel Colors
Granitstone® coatings have an oven-baked epoxy primer and a factory applied finish of an air-dried 100% acrylic bonder with natural silica aggregate, minimum 12 mils dry film thickness, finished to resemble sprayed stucco.

Imperial White
Bone White
Sandstone
Parchment
Rawhide
Surrey Beige
Taupestone
Dove Gray

Granitstone® Quartz
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.