

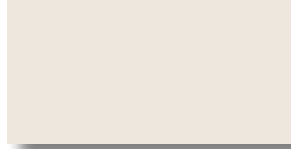
ARCHITECTURAL ROOF COLORS

KXL™ FINISH – SLR II ROOF SYSTEM COLORS

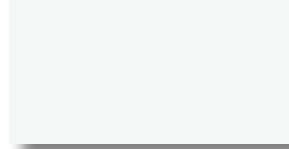
Bare Galvalume



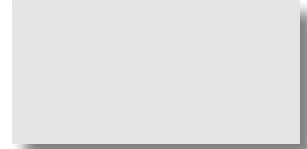
Cool Egyptian White



Cool Cotton White



Cool Arctic White*



Cool Hemlock Green



Cool Leaf Green



Cool Cobalt Blue



Cool Colonial Red



Cool Jade Green*



Cool Bermuda Green



Cool Imperial Blue*



Cool Bright Red*



Cool Straw Gold*



Cool Sierra Tan



Cool Parchment*



Cool Dark Bronze



Cool Granite Gray



Cool Old Town Gray*



Cool Zinc Gray*



Cool Weathered Copper*



Cool Ebony**



Cool Metallic Silver*



Cool Copper Penny*



* Non-Stocked Colors may require minimum quantity order plus additional material procurement lead time. ** Available only as a trim color.

This card provides an approximation of actual paint colors. Variations may occur between sample materials and finished product. For actual paint color, ask for a painted metal chip.

Long-Term Beauty, Unmatched Protection and Superior Quality – You Get All Three

PAINT FINISHES

Varco Pruden uses high quality paint systems designed to provide long-term performance and protection. Each coating is formulated with thoroughly researched, tested and field proven pretreatments, primers, resins and pigments that can meet your design and performance requirements. All colors shown approximate actual paint colors as accurately as possible. Actual paint colors may vary. Colors in this guide are for reference only. VP Buildings reserves the right to change color offerings shown here without notice. Metal samples with paint are available.

VP's KXL™ FINISH on Hot Dipped Galvanized & Galvalume® Panels

This paint system combines ceramic pigmentation with polyvinylidene fluoride for superior, long-lasting performance. PVDF finishes are respected for their durability, resistance and color retention. Our KXL finishes are warranted for up to 25 years.

70% PVDF finishes meet both Kynar 500 and Hylar 5000 specifications. Kynar 500® is a registered trademark of Arkema. Hylar 5000® is a registered trademark of Solvay Solexis. Galvalume® is a registered trademark of BIEC International, Inc.

Note: All panels formed from light gauge metal may exhibit waviness, also known as "Oil Canning," commonly occurring in, but not restricted to, flat portions of a panel. This inherent characteristic is not a defect of material and is not cause for rejection

VP's KXL paint finishes are formulated to meet owners and specifiers needs for "Cool Roof" applications including LEED certified and Title 24 projects. Please refer to the information chart for Solar Reflectivity Values, Emissivity ratings and calculated Solar Reflectivity Index. Low slope values apply to roof slopes 2:12 or lower; Steep slope applies to roof pitches greater than 2:12.



| PHYSICAL AND PERFORMANCE PROPERTIES | | |
|---|----------------------------|--|
| Specular Gloss at 60 | ASTM D 523 ⁽¹⁾ | Typical: 20-35 |
| Pencil Hardness | ASTM D 3363 | HB to 2H |
| T-Bend | ASTM D 4145 | OT to 3T ⁽²⁾ No loss of adhesion |
| Cross Hatch Adhesion | ASTM D 3359 | No loss of adhesion |
| Reverse Impact | ASTM D 2794 | HDG or Galvalume: 3x metal thickness inch-pounds, no loss of adhesion |
| Humidity Resistance 100% RH 2,000 hours | ASTM D 2247 | HDG or Galvalume: No field blisters |
| Salt Spray Resistance 2,000 hours | ASTM B 117 | HDG or Galvalume: creep from scribe no more than 1/16" (2mm) no blisters |
| South Florida Exposure | ASTM D 2244 ASTM D 4214 | Color: No more than 5ΔE Hunter units at 25 years Chalk: Rating no less than 8 at 25 years. Film integrity: 30 years |
| Flame Test | ASTM E 84 | Class A coating |
| Water Immersion 500* Hours 110F | ASTM D 870 | No loss of adhesion |
| Drew Cycle Weatherometer 1000 Hours | ASTM D 3361 | Color change: No more than 5Δ Hunter units. Chalk: Rating no less than 8 |
| Abrasion Resistance | ASTM D 968 Method A | 65 +/- 10 liters |

1. American Society for Testing and Materials. 2. KXL is not designed to bridge cracks in the substrate. Due to variability of heavy gauge and HDG metal, some fracturing or rupturing of the substrate is possible with subsequent rupturing of the coatings.

| COOL ROOF INFORMATION — Consult specifier or agencies to meet specific requirements | | | | | | | | |
|---|----------------|-------------------------|-----------------|-------------------|-----------------------|-------------------------|--------------------------|----------------------------|
| Solar Reflective Analysis as of December 2009 ASTM - E-903, C-1549, C-1371, E-1980 | | | | | LEED 3.0 Low Slope | LEED 3.0 Steep Slope | Energy Star Low Slope | Energy Star Steep Slope |
| VP's COLOR FINISH NAME WITH COLOR CODE | Initial SRV | Radiative Emissivity | Results SRI* | Minimum 78 SRI | Minimum 29 SRI | Minimum .65 SRV | Minimum .25 SRV | |
| Bare Galvalume | none | .68 | .10 | 56 | NO | YES | YES | YES |
| Cool Arctic White | 451R810 | .63 | .86 | 75 | NO | YES | NO | YES |
| Cool Bermuda Green | 455R1101 | .29 | .87 | 29 | NO | YES | NO | YES |
| Cool Bright Red | 454R1000 | .44 | .86 | 49 | NO | YES | NO | YES |
| Cool Cobalt Blue | 456R1384 | .30 | .86 | 30 | NO | YES | NO | YES |
| Cool Colonial Red | 454R1016 | .33 | .87 | 35 | NO | YES | NO | YES |
| Cool Copper Penny | 459RZ2422M | .51 | .86 | 56 | NO | YES | NO | YES |
| Cool Cotton White | 451R838 | .75 | .87 | 92 | YES | YES | YES | YES |
| Cool Dark Bronze | 457R1089 | .34 | .87 | 36 | NO | YES | NO | YES |
| Cool Ebony (Trim Only) | 458R645 | .30 | .85 | 30 | NO | YES | NO | YES |
| Cool Egyptian White | 451R809 | .63 | .86 | 75 | NO | YES | NO | YES |
| Cool Granite Gray | 452R1633 | .54 | .87 | 63 | NO | YES | NO | YES |
| Cool Hemlock Green | 455R1102 | .30 | .86 | 30 | NO | YES | NO | YES |
| Cool Imperial Blue | 456RZ1385 | .30 | .85 | 30 | NO | YES | NO | YES |
| Cool Jade Green | 455R1133 | .30 | .87 | 31 | NO | YES | NO | YES |
| Cool Leaf Green | 455R1198 | .29 | .86 | 29 | NO | YES | NO | YES |
| Cool Metallic Silver | 459RZ2431M | .53 | .79 | 59 | NO | YES | NO | YES |
| Cool Old Town Gray | 452R1587 | .38 | .87 | 41 | NO | YES | NO | YES |
| Cool Parchment | 453R1159 | .50 | .86 | 57 | NO | YES | NO | YES |
| Cool Sierra Tan | 453R1154 | .50 | .87 | 57 | NO | YES | NO | YES |
| Cool Straw Gold | 453R1160 | .60 | .86 | 71 | NO | YES | NO | YES |
| Cool Weathered Copper | 457R1124 | .36 | .86 | 38 | NO | YES | NO | YES |
| Cool Zinc Gray | 452R1583 | .36 | .87 | 39 | NO | YES | NO | YES |

* Solar Reflectivity Index includes Solar Reflectivity Values and Emissivity calculations. Values are for initial installation.



6020 Revised 3/11
Varco Pruden Buildings, 3200 Players Club Circle, Memphis, TN 38125
©2011 BlueScope Buildings North America, Inc. All rights reserved.
Varco Pruden Buildings® is a division of BlueScope Buildings North America, Inc.
Find your independent Authorized VP Builder at www.vp.com

