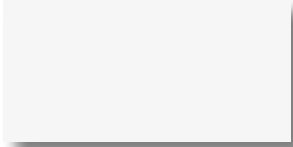


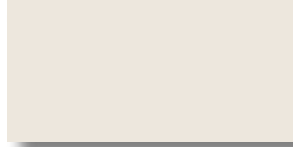
THERMALCLAD PANEL COLORS

KXL™ FINISH – ARCHITECTURAL, SHALLOW PLANK & REVEAL COLORS

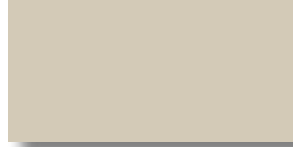
Cool Cotton White



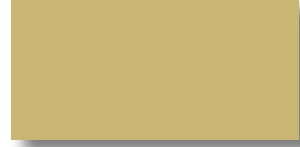
Cool Egyptian White



Cool Parchment



Cool Straw Gold



Cool Hemlock Green



Cool Leaf Green



Cool Cobalt Blue



Cool Colonial Red



Cool Copper Penny



Cool Bermuda Green



Cool Imperial Blue



Cool Bright Red



Cool Weathered Copper



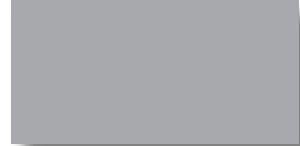
Cool Dark Bronze



Cool Old Town Gray



Cool Metallic Silver



Cool Granite Gray



Cool Zinc Gray



TUFF-WALL STUCCO TEXTURED FINISH COLORS

Medium Beige



Light Stone



Light Gray



Stucco White



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 pre treatments, 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. For specific ThermalClad warranty information, see VP's Warranty Guide.

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 PAINT 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	
Cool Bermuda Green 455R1101	.29	.87	29	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 Cotton White 451R838	.75	.87	92	YES	YES	YES	YES	
Cool Dark Bronze 457R1089	.34	.87	36	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 Leaf Green 455R1198	.29	.86	29	NO	YES	NO	YES	
Cool Straw Gold 453R1160	.60	.86	71	NO	YES	NO	YES	
Cool Zinc Gray 452R1583	.36	.87	39	NO	YES	NO	YES	
Cool Bright Red 454R1000	.44	.86	49	NO	YES	NO	YES	
Cool Copper Penny 459RZ2422M	.51	.86	56	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 Weathered Copper 457R1124	.36	.86	38	NO	YES	NO	YES	

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



At left is a photo of the stucco finish for Tuff-Wall panels. The color chips on the front side of this card are for color matching and not intended to represent the actual texture. For warranty information, consult Varco Pruden's Warranty Guide.



6024 Revised 7/11
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

