## **VP BUILDINGS TEXTURECLAD PANEL COLORS**

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



This card provides an approximation of actual paint colors. Variations may occur between sample materials and finished product

### **VP TEXTURECLAD WALL PANEL PAINT FINISHES**

The VP TextureClad finish is a special fiber-reinforced Polymer/aggregate coating that is factory applied and oven cured to provide an attractive and durable finish permanently bonded to a roll-formed panel.

TEST	TEST METHOD*	TEST RESULTS		
QUV Weatherometer	ASTM G 154-00, 1000 Hours ASTM D4214-98	No visual color changes. Chalking #8.		
Humidity Test	ASTM D2247-97, 1000 hours	No change in hardness or other observable properties after 48 hours recovery.		

\*Laboratory testing was conducted in accordance with standard accepted procedures utilized in the painting industry per American Society for Testing Materials (ASTM).

The test methods used were:

ASTM G154-00,	Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials
ASTM D4214-98,	Standard Test Methods for Evaluating Degree of Chalking of Exterior Paint Films
ASTM D2247-97,	Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity.

Actual paint colors may vary. Colors in this guide are a close representation of the products offered, but may not be an exact match. VP Buildings reserves the right to change color offerings shown here without notice. Metal panel samples are available upon request.

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



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# **VP BUILDINGS ARCHITECTURAL COLORS**

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### **PAINT FINISHES**

VP 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<sup>™</sup> FINISH on Hot Dipped Galvanized & Galvalume<sup>®</sup> Panels

This paint system combines ceramic pigmentation with polyvinylidene flouride for superior, long-lasting performance. PVDF finishes are respected for their durability, resistance and color retention. Our KXL finishes are warranted for up to 20 years.

Please note: 70% PVDF finishes meet both Kynar 500 and Hylar 5000 specifications.

KYNAR® is a registered trademark of Atochem North America, Inc. HYLAR 5000<sup>®</sup> is a registered trademark of Ausimont USA, Inc. Galvalume® is a registered trademark of B.I.E.C. International, Inc.

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Certification of Corp. of Engineers and AAMA 605.2 available upon request.

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.

CHARACTERISTICS/TEST METHOD	KXL™		
Dry Film Thickness ASTM <sup>1</sup> D-1400, D-1005, D-1438 (NCCA <sup>2</sup> II-13, 14, 15)	0.2-0.25 mil primer <sup>3</sup> , 0.7-0.8 mil top coat		
Specular Gloss (60) ASTM D-523 10-15 <sup>4</sup>			
Pencil Hardness ASTM C-3363 (NCCA II-12) Eagle Turquoise Pencil	НВ-Н		
Flexibility: T-Bend NCCA II-9 (No cracking or tape removal of film) Mandrel ASTM D-522 (180° bend around 1/8" mandrel)	2T <sup>5</sup> No cracking		
Adhesion ASTM D-3359 (NCCA II-5) Reverse Impact Cross Hatch	No adhesion loss		
Reverse Impact ASTM D-2749 (NCCA II-6) Impact in. per Ib. = 2000 X metal thickness for steel	No cracking or adhesion loss <sup>5</sup>		
Abrasion Resistance Falling Sand ASTM D-968 Liters to expose 5/32" of substrate transit Based on topside to backside contact in transit	65 ± 15 l/mil of film Acceptable		
Mortar Resistance AAMA <sup>®</sup> 605.2 – 24 Hour Pat Test	No effect		
Detergent Resistance ASTM D-2248 – 3% Detergent, 100°F, 72 hrs.	No effect		
Acid Pollutants Resistance ASTM D-1308, Proc. 7.2 10% Muriatic Acid (15 min.) 20% Sulfuric Acid (24 hrs.) AAMA 605.2 Test 7.7 3.1–70% Nitric Acid Vapors (30 min.) Kesternich SO, CyclicTest (2 liters)	No effect No effect < 5 units color change <sup>7</sup> , 10 cycles <sup>8</sup>		
Alkali Resistance ASTM D-1308 10%, 25% Sodium Hydroxide (1 hr.)	No effect		
Salt Spray Resistance ASTM B-117 – 5% Salt Fog@95°F	1000 Hours <sup>9</sup>		
Humidity Resistance ASTM D-2247	2000 Hours <sup>10</sup> (100% Relative Humidity @ 95°F)		
Weatherometer Test ASTM G23 Color Change ASTM D-2244 Chalking Resistance ASTM D-4214	2000 Hours < 2 units change <sup>7</sup> Maximum #8		
Exterior Weathering Florida Exposure ASTM D-2244 Color 5 years @ 45 ° S ASTM D-4214 Chalk AAMA 605.2 Film Erosion	Meets or exceeds MCA Premium guidelines Meets or exceeds MCA Premium guidelines Less than 10% film loss		

3. HIGHER FILM KXL COATINGS AND PERFORMANCE DATA AVAILABLE UPON REQUEST.

6. AMERICAN ARCHITECTURAL MANUFACTURERS

ASSOCIATION

9. LESS THAN 1/16" CREEP FROM SCRIBE. 10. NO BLISTERS

COOL ROOF INFORMATION – Consult specifier or agencies to meet specific requirements										
VP Buildings Solar Reflective Analysis as of August 2007 ASTM - E-903, C-1549, C-1371, E-1980				LEED 2.2 Low Slope	LEED 2.2 Steep Slope	Energy Star Low Slope	Energy Star Steep Slope			
VP'S COLOR FINISH NAME	Results SRV	Radiative Emissivity	Results SRI*	Minimum .78 SRI	Minimum .29 SRI	Minimum .65 SRV	Minimum .25 SRV			
Cool Regal White	72.20	0.86	88	YES	YES	YES	YES			
Egyptian White	60.87	0.84	71	NO	YES	NO	YES			
Cool Sierra Tan	49.10	0.86	56	NO	YES	NO	YES			
Cool Zinc Gray	38.60	0.85	41	NO	YES	NO	YES			
Terra Cotta	35.50	0.86	38	NO	YES	NO	YES			
Cool Colonial Red	30.10	0.85	30	NO	YES	NO	YES			
<b>Cool Weathered Copper</b>	32	0.86	33	NO	YES	NO	YES			
Hemlock	31.9	0.85	32	NO	YES	NO	YES			
Jade Green	26.5	0.84	25	NO	NO	NO	YES			
Forest Green	29.50	0.84	29	NO	YES	NO	YES			
Regal Blue	26.80	0.85	26	NO	NO	NO	YES			
Tahoe Blue	28.94	0.85	25	NO	NO	NO	YES			
Leaf Green	25.52	0.84	23	NO	NO	NO	YES			
Matte Black (Trim Only)	25.40	0.83	23	NO	NO	NO	YES			
Cool Dark Bronze	28.7	0.83	27	NO	NO	NO	YES			
Unnainted Galvalume	00 58	0.06	32	NO	VES	NO	YES			

\* Solar Reflectivity Index includes Solar Reflectivty Values and Emissivity calculations.



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FM APPROVED ROOF ASSEMBLIES