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 No visual color changes. Chalking #8. | | |
|-------------------|--|---|--|--|
| QUV Weatherometer | ASTM G 154-00, 1000 Hours ASTM D4214-98 | | | |
| 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[™] FINISH on Hot Dipped Galvanized & Galvalume[®] 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[®] 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™ |
|---|---|
|)ry Film Thickness ISTM ¹ D-1400, D-1005, D-1438 (NCCA ² II-13, 14, 15) | 0.2-0.25 mil primer ³ , 0.7-0.8 mil top coat |
| Specular Gloss (60) ASTM D-523 10-15 ⁴ | |
| 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) | 2T⁵ 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 ⁵ |
| 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 ⁶ 605.2 – 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 ₂ CyclicTest (2 liters) | No effect No effect < 5 units color change ⁷ , 10 cycles ⁸ |
| 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 ⁹ |
| Humidity Resistance ASTM D-2247 | 2000 Hours ¹⁰ (100% Relative Humidity@95°F) |
| Weatherometer Test ASTM G23 Color Change ASTM D-2244 Chalking Resistance ASTM D-4214 | 2000 Hours < 2 units change ⁷ 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 | | |
| Cool Weathered Copper | 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 | | |
| Unpainted Galvalume | 00.58 | 0.06 | 32 | NO | YES | NO | YES | | |

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



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