

FLUOROPON®



Most UV Resistant

70%
PVDF

Superior Performance



Application Methods



Earth-Tone



Monolithic Roofing

SSS

Method

AAMA
2605

AAMA 2605



Valspar

FLUROPON®

The Fluropon® paint system should be used when superior resistance to color fading and chalking is essential.



Factory applied and oven cured, Fluropon is a full strength (Kynar 500® or Hylar 5000®) resin based paint coating. It is available in a wide range of earth tone colors.




Fluropon is unsurpassed in its resistance to the damaging UV rays of the sun. That means the Fluropon paint system offers long life, good looks regardless of your project location.

It is a two-coat system,  meaning the system consists of a primer and a color coat.



Fluropon is resistant to general air pollution and will not whiten or pit when exposed to moist environments. This includes moisture in the form of rain, dew, fog and acid rain.

The Fluropon colors on this brochure are  available in both spray and coil application formulas. Fluropon meets or exceeds AAMA 2605.



Residential Metal Roofing - Kingwood, TX



Reis Tennis Center - Ithaca, NY



*Emerald Isle Condominiums
Pensacola Beach, FL*



Coastal



Celebration Healthcare - Orlando, FL

COIL APPLIED FLUROPON®

For use on hot dipped galvanized, Galvalume®, or aluminum standing



seam metal roofing, metal wall panels, column covers, pre-engineered metal buildings, and metal building components, Fluropon® is available for application by the coil coat method.



Residential Roofing



Newton Public Library - Newton, IA



Commercial Roofing



Radisson Resort at the Port - Port Canaveral, FL



Lindbergh Terminal - Minneapolis, MN



NCB Commodities - York, PA

The colors on this card are only a small sample. Hundreds of additional colors are available from stock. Also available are custom colors. To support your special color requests, many Fluropon spray coaters have installed our state-of-the-art Fluropon® Mix & Match™  color computer with color scanner and blending system. Actual paint samples may be obtained by contacting Valspar, or one of the many coaters or component manufacturers who use Valspar Fluropon coatings. (A list of Fluropon coaters is available from Valspar upon request.)



BONE WHITE
c: 431A003 s: 391A453



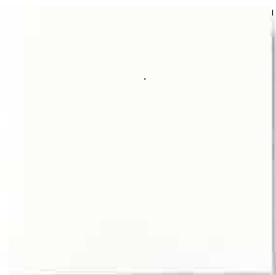
STONE WHITE
c: 431A094 s: 391A454



BIRCH WHITE
c: 431A053 s: 391F157



SIERRA WHITE
c: 431A861 s: 391F156



POLAR WHITE
c: 431A095 s: 391F068



PORTLAND STONE
c: 432B174 s: 392F213



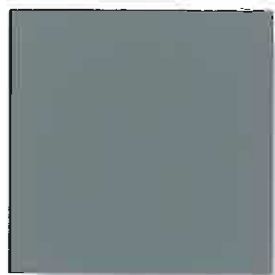
SANDSTONE
c: 433B315 s: 393A345



SANDCASTLE
c: 433B311 s: 393F076



HERRINGBONE
c: 437B502 s: 397F220



YORKTOWN
c: 432B135 s: 392F212



LIGHT STONE
c: 433B182 s: 393A344



CONCH
c: 434B007 s: 394F167



TAUPE
c: 432B173 s: 392F211



QUAKER GRAY
c: 432B171 s: 392F254



SHELburne
c: 433B312 s: 393F075



DESERT ROSE
c: 433B316 s: 394F168



STONE GRAY
c: 432B172 s: 392F233



INDY GREEN
c: 435B424 s: 395B121



BURNt ALMOND
c: 433B331 s: 393F104



SAHARA TAN
c: 437B453 s: 397F269

Color samples shown are not the actual paint. They are matched as closely to paint color and gloss as reproduction technology allows. Actual coating samples on metal substrates are available upon request. All colors shown are available through Valspar's state-of-the-art computer, color scanner and blending system called Mix & Match™.



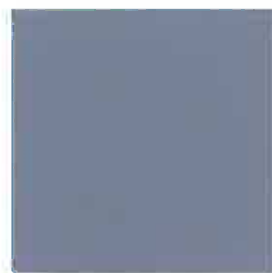
MOCHA
c: 437B453 s: 397F272



TEAL PATINA
c: 435B447 s: 395F568



REGAL RED**
c: 434A986 s: SL4A108



LEGACY BLUE
c: 436B317 s: 396F287



COCOA BROWN
c: 437B519 s: 397F266



AGED COPPER
c: 435B425 s: 395F502



CORONADO RED
c: 434X308 s: 394F169



AEGEAN BLUE
c: 436B296 s: 396F240



PATRICIAN BRONZE
c: 437B483 s: 397A508



PATINA GREEN
c: 435B411 s: 395B122



COLONIAL RED
c: 434A897 s: 394F170



REGAL BLUE
c: 436B194 s: 396X549



DARK BRONZE
c: 437B473 s: 397A509



EVERGREEN
c: 435B187 s: 395B120



BRANDYWINE
c: 434B017 s: 394F186



EBONY BLACK
c: 438A400 s: 376X500



**FLUROPON
CLASSIC II**



CLASSIC II - COPPER PENNY
c: 439Z637M* s: 399B101



CLASSIC II - BRIGHT SILVER
c: 439ZM008M* s: 399X440



CLASSIC II - ZINC
c: 439Z618M* s: 399X466

**Requires special primer if being coil applied. **Coil formulation contains lead. Please note that all coil color codes have changed and color shade may be slightly different vs. color of same name on previous Fluoropon® color cards.*

c = Coil Application . s = Spray Application

SPRAY APPLIED FLUROPON®

For use on aluminum curtain wall, windows, skylights, wall panels,



column covers, louvers, grilles, storefront and entrances,

Fluoropon is available for application by the spray coat method.



Harbor Court - Honolulu, HI



Ballston Station - Arlington, VA



Omega Clubs of America - Bedford, TX



*Horseshoe Hotel & Casino
Tunica, MS*



New York New York - Las Vegas, NV



Klabzuba Cancer Center - Fort Worth, TX



Menorah Medical Center - Leawood, KS

NO MATTER WHAT COLOR YOU SPECIFY, WITH FLUROPON IT WILL ALWAYS BE GREEN!

Because Fluropon is made with 70% PVDF (Kynar 500® or Hylar 5000®) resins and durable ceramic pigments, it has an estimated 50+ year service life. That means a minimum of 50 years before you might begin to think about refinishing your building components. This is good! Because field repair and repainting release Volatile Organic Compounds (VOCs) into the earth's atmosphere. (VOCs are the gasses that are suspected of damaging the earth's protective ozone layer.) High quality field repair coatings release these gasses, even if the field coating meets government

COMPROMISING ON THE QUALITY OF THE ORIGINAL FACTORY FINISH MAY MEAN COMPROMISES TO THE ENVIRONMENT IF YOUR PROJECT HAS AN EXPECTED LIFE SPAN OF 10 OR MORE YEARS.

guidelines as a low VOC coating. And because field applied coatings are less durable than the original factory finish, you will have to repaint more often, releasing VOCs at an accelerated rate over time. Although Fluropon is a solvent based coating, the factory application process allows our coaters to capture and destroy the VOCs before they escape into the atmosphere. This "scrubbing" process is self perpetuating. It uses the solvents from the paint to fuel the fire that destroys the VOCs. All U.S. coaters of Valspar's Fluropon® meet federal, state, and local government guidelines for clean air and water. Actual Florida exposure studies show that Fluropon, made with 70% PVDF resin, far surpasses all other types of coatings for long life with good looks.

FLUROPON®
PAINT IT ONCE



Hong Kong Convention Center - Hong Kong, China



SmithKline Beecham Science Park North - Harlow Essex, UK



The Ballpark in Arlington - Arlington, TX

PERFORMANCE PROPERTIES	COIL APPLIED		SPRAY APPLIED
	Hot Dipped Galvanized Steel Galvalume®	Aluminum	Aluminum
Accelerated Weathering ASTM D 3361 (Dew Cycle Weatherometer)	Hours: 1,000 total Chalk: Rating 8 Color: 5ΔE Hunter units max	Hours: 1,000 total Chalk: Rating 8 Color: 5ΔE Hunter units max	Hours: 1,000 total Chalk: Rating 8 Color: 5ΔE Hunter units max
ASTM G 53 (QUV)	Hours: 2,000 total Chalk: Rating 8 Color: 5ΔE Hunter units max	Hours: 2,000 total Chalk: Rating 8 Color: 5ΔE Hunter units max	Hours: 5,000 total Chalk: Rating 8 Color: 5ΔE Hunter units max
South Florida Weathering 10 Years - 45° Exposure	Chalk: Rating 8 Color: 5ΔE Hunter units max Gloss Retention: 50% min Film Erosion: 10% max	Chalk: Rating 8 Color: 5ΔE Hunter units max Gloss Retention: 50% min Film Erosion: 10% max	Chalk: Rating 8 Color: 5ΔE Hunter units max Gloss Retention: 50% min Film Erosion: 10% max
Salt Spray ASTM B 117	Hours: 1,000 Scribe: Rating 7, 1/8" (2 mm) Field: Rating 10, no blisters	Hours: 3,000 Scribe: Rating 10, no creepage Field: Rating 10, no blisters	Hours: 4,000 Scribe: Rating 7, 1/2"-1/16" (1-2 mm) Field: Rating 8
Humidity ASTM D 2247	Hours: 2,000 Rating 10, no blisters	Hours: 3,000 Rating 10, no blisters	Hours: 4,000 Blisters: Rating 8, no more than "few" size No. 8
Formability ASTM D 4145	OT to 3T*	OT to 3T*	N/A
ASTM D 522 (Elongation over 1/2" Cylindrical Mandrel)	No cracking No loss of adhesion	No cracking No loss of adhesion	N/A
Pencil Hardness ASTM D 3363	HB - 2H	HB - 2H	F minimum
Specular Gloss ASTM D 523	20-35 at 60° **	20-35 at 60° **	20-35 at 60°
Reverse Impact ASTM D 2794	3 x Metal thickness in inch-lbs. No loss of adhesion	1 1/2 x Metal thickness in inch-lbs. No loss of adhesion	1/8" Deformation No loss of adhesion
Flame Test ASTM E 84	Class A coating	Class A coating	Class A coating

*Fluropon® is not designed to bridge cracks in the substrate. Due to variability of heavy gauge and hot dipped galvanized metal, some fracturing or rupturing of the substrate is possible with subsequent rupturing of the coatings.
**Other gloss ranges including low sheen available, if specified.

OTHER FLUROPON® COATINGS AVAILABLE:

COIL APPLIED	SPRAY APPLIED	DESCRIPTION
Fluropon®	Fluropon®	Solid earth tone colors
Flurothane® II & IV	_____	Extra thick primer with Fluropon topcoat for industrial or coastal locations
Fluropon Classic®	Fluropon Classic®	Metalescent colors with clear topcoat
Fluropon Classic® II	Fluropon Classic® II	Pearlescent colors, no clear topcoat required
Fluroclear™	Super Fluroclear™	Clear topcoat required on bright or metallic colors
Fluropon® Satin	_____	Fluropon with low gloss/low sheen
Fluropon® Premiere	Fluropon® Premiere	Brightly pigmented colors which require a clear topcoat
_____	Fluropon® Special	Bright white or bright pastel requiring extra thick-film or unique primer

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