



END USES

Excellent for composite panels as used on gas stations, service centers, fast food locations and other exterior applications.



Bright, vibrant, high gloss Valflon® finishes are an excellent choice for high-traffic retail areas. Valflon finishes provide eye-catching appeal for service stations and fast food establishments. Valflon finishes are also appropriate on composite panels for the architectural building market.

Valflon is a durable fluoropolymer based coating which provides high performance against weathering, color fade, and chalk.

It is resistant to airborne chemicals, acid rain and most of the cleaning solvents used to remove graffiti.

Durable and beautiful, Valflon finishes create a distinguished appearance without sacrificing performance.

Valflon is available in two and three coat systems.

SUBSTRATE	PRIMER
Aluminum, HDG Steel, or Galvalume All substrates must be properly pre-treated.	Dynaprime (PMY0302) Galvalume (623L144)

FIELD PERFORMANCE	
Film Integrity: Chalk Resistance: ASTM D 659 Color Change: ASTM D 2244	Vertical: 20 Years: No blistering, peeling, or cracking 20 Years: Rating no less than No. 8 20 Years: No more than 5ΔE (Hunter) units

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. **UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.



VALFLON®

APPLICATION CHARACTERISTICS*	
Application Method:	Reverse roll coat
Viscosity: ASTM D 1200 (No. 4 FORD Cup)	90 to 120
Weight per Gallon: ASTM D 1475*	8.6 to 11.0 pounds per gallon
Solids by Volume: ASTM D 2657*	34.0%
Solids by Weight: ASTM D 2369*	55.0%
Reducing Thinner:	Isophorone or equivalent
Clean-Up Solvent:	Aromatic/Ketone blend
Peak Metal Temperature:	450°F to 500° F
MEK DBL:	100 plus
VOC (Theoretical): ASTM D 3960	5.0 to 5.6 pounds per gallon
Contains Lubricant:	Yes
Color Dry Film Thickness:	0.7 to 0.9 mils
Clear-Coat Dry Film Thickness (if required)	0.4 to 0.5 mils

PHYSICAL PROPERTIES*	
Gloss (60° Head): ASTM D 523	30 to 80 as specified by customer
Pencil Hardness: ASTM D 3363	F to 2H
T-Bend on Aluminum: ASTM D4145	2T to 3T, No tape pick off
Reverse Impact: ASTM D 2794	Steel: 3x Metal Thickness Inch-Pound Aluminum: 1.5x Metal Thickness Inch-Pound
Cross-Hatch Adhesion: ASTM D 3359	No loss of adhesion No loss of Adhesion

ACCELERATED TEST DATA*	
Salt Spray 3,000 Hours: ASTM B 117	Aluminum: Creep from scribe \leq 1/8 inch, No blisters
Salt Spray 1,000 Hours: ASTM B 117	HDG and Galvalume: Creep from scribe \leq 1/16" (2mm), No blisters
Humidity 3,000 Hours: ASTM D 2247	Aluminum: No field blisters
Humidity 2,000 Hours: ASTM D 2247	HDG and Galvalume: No field blisters
Water Immersion 100° F 500 Hours: ASTM D 870	Aluminum, HDG, or Galvalume: No loss of adhesion
Acid Resistance: ASTM D 1308, procedure 7.2	Aluminum, HDG, or Galvalume: 10% Hydrochloric Acid Solution, 24 Hour Test – No Visible Change 20% Hydrochloric Acid Solution, 18 Hour Test – No Visible Change 25% Sodium Hydroxide Solution, 1 Hour Test – No Visible Change
Abrasion Resistance:	Total Sand = 40 Liters

* Varies with color and applicator's requirement.

For details on health, safety and handling information, Material Safety Data Sheets are available upon request.

TO SPECIFY WRITE: Factory applied, baked-on fluoropolymer resin based paint coating Valflon® as manufactured by THE VALSPAR CORPORATION.

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