

# valspar

# VALFLON



### END USES

*Excellent for gas stations, service centers, fast food locations, and other exterior applications that require a high gloss finish. Also appropriate on composite panels for the architectural building market.*



Bright, vibrant, high gloss Valflon finishes provide eye-catching appeal for retail buildings such as fast food establishments and service stations. In addition to brilliant, vivid colors, Valflon coatings are also available in a wide spectrum of earth tone colors. Gloss levels may be formulated to range from 30 to 80 based on customer requirements.

Valflon coil coatings are durable fluoropolymer based formulations which provide superior protection against weathering, color fade, and chalk. These high performance systems are resistant to airborne chemicals, acid rain and most cleaning solvents used to remove graffiti.

Valflon coatings are available in two and three coat systems for aluminum or steel substrates that are to be formed into metal building components or systems. Valspar may require a clear coat on some Valflon finishes. Even if a clear coat is not required, one may be used if desired.

Durable and beautiful, Valflon finishes create a distinguished appearance without sacrificing performance. They are easy to clean and maintain. For more information on cleaning, see [Valspar's Cleaning and Maintenance Guide for Fluoropolymer Coatings](#).



TO SPECIFY, WRITE: Factory applied, baked-on fluoropolymer resin based paint coating VALFLON as manufactured by Valspar.

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.



APPLICATION CHARACTERISTICS*	
Substrate	Aluminum, HDG Steel, or Galvalume
Application Method:	Reverse roll coat
Primer:	PMY0302
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 No loss of adhesion
Cross-Hatch Adhesion: ASTM D 3359	No loss of Adhesion
SOUTH FLORIDA EXPOSURE*	
Film Integrity:	20 Years: No blistering, peeling, or cracking
Chalk Resistance: ASTM D 4214	20 Years: Rating no less than No. 8
Color Change: ASTM D 2244	20 Years: No more than 5ΔE (Hunter) units
ACCELERATED TEST DATA*	
Salt Spray 3,000 Hours: ASTM B 117	Aluminum: Creep from scribe ≤ 1/8 inch, No blisters
Salt Spray 1,000 Hours: ASTM B 117	HDG and Galvalume: Creep from scribe ≤ 1/16" (2mm), No blisters
Humidity 3,000 Hours: ASTM D 2247 Humidity 2,000 Hours: ASTM D 2247	Aluminum: No field blisters 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. All substrates must be properly cleaned and pretreated. ASTM International is a voluntary standards development organization. For details on health, safety and handling information, Material Safety Data Sheets are available upon request.

**For more information, contact the Valspar Coil Coatings Division.**

<b>KENTUCKY</b> 347 Central Ave Bowling Green, KY USA42101 Telephone: 270.843.4831 Facsimile: 270.746.6851	<b>TEXAS</b> 701 South Shiloh Road Garland, TX USA 75040 Telephone: 972.276.5181 Facsimile: 972.487.7245	<b>ILLINOIS</b> 901 North Greenwood Ave Kankakee, IL USA 60901 Telephone: 815.933.5561 Facsimile: 815.936.7811	<b>MEXICO</b> Ave Central 223 Los Lermas Guadalupe, N.L. Mexico 67190 Telephone: 52.81.8360.2020 Facsimile: 52.81.8360.5350
COIL COATINGS			
<b>CHINA</b> No. 838 Jia Xin Road Jiading District Shanghai 201818 People's Republic of China Telephone: 86.21.5990.1345	<b>FINLAND</b> Takkatie 3, PO Box 107 FI-00371 Helsinki Finland Telephone: 358.9.506.091 Facsimile: 358.9.5060.9224	<b>AUSTRALIA</b> 203 Power Street Glendenning NSW 2761 Australia Telephone: 61.2.9839.1115 Facsimile: 61.2.9839.1199	<b>OTHER MANUFACTURING SITES INCLUDE:</b> Pittsburg PA Montebello CA Sao Bernardo do Campo Brazil Tournus France