

For a durable PVC-technology coating, it's hard to beat Valshield from Valspar®, the most trusted brand of architectural coatings. Valshield is a two-coat system made of vinyl plastisol polyvinylchloride (PVC), which creates a great barrier to corrosion, abuse and abrasion. As such, Valshield provides the protection needed for metal buildings exposed to acid rain in industrial or chemical environments, and is particularly ideal for animal confinement buildings. Additionally, Valshield may be formed onto building panels without the risk of micro-cracking along the panels' ribs.



## BENEFITS

- Outstanding color consistency
- Superior abrasion and scratch resistance
- Flexibility and formability
- Excellent overall adhesion

## COLORS

Valshield is available in a variety of standard industry colors. Smooth and striated colors may be produced for metal building wall panels or roofing.

## SUBSTRATES

May be applied pretreated aluminum, Galvalume®, Galfan®, Zinalume® and hot-dip galvanized (HDG) steel.

## END USES

Valshield is ideal for applications that require chemical resistance, such as:

- Metal siding and trim coil
- Agricultural and industrial buildings
- Animal confinement buildings

## AT YOUR SERVICE

Do you have a unique application? We'll work with you to find a solution. Want a unique color? We'll create it for you. Need a quick turnaround? Talk to us, and we'll help you get your project completed on time. We're here to help. In fact, with our availability at coating and service centers throughout the country, we're there for you. Give us a call and see how we can help with your next project.

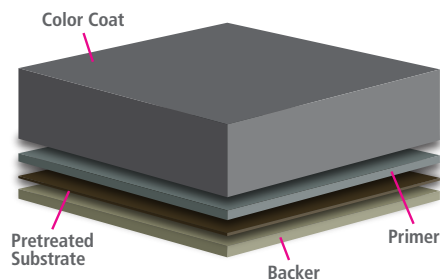
**Coil Customer Service: 888-306-2645 — [coilhelp@valspar.com](mailto:coilhelp@valspar.com)**

## COMMITMENT TO QUALITY — TECHNICAL DATA: VALSHIELD

|  |  | Valshield  |
|--|--|--|
| Our coatings are trusted and field proven through rigorous testing, providing key benefits to our customers. | Coating System   | PVC  |
|  | Number of Coats  | 2 coat   |
|  | Dry Film Thickness (DFT)                                       | DFT: 3.0 - 8.0 mils  |
|  | Industry Specification Compliance                              | XXXX*  |
|  | Substrates   | Applied to pretreated aluminum, HDG, Galvan®, Galvalume® and Zinalume®   |
| Superior coating adhesion to substrate.  | Cross Hatch Adhesion, ASTM D 3359**                            | No loss of adhesion  |
| Outstanding resistance to graffiti.  | Graffiti Resistance, ASTM D 6578 / D 6578M                     | Meets and exceeds  |
| Amazing protection against corrosion caused by humidity and water.   | Humidity Resistance, ASTM D 2247, 100% RH -1,500 and 2,000 hrs | HDG and Galvalume: No field blisters<br>Aluminum: No field blisters  |
| Long-lasting durability against nature.  | Impact Resistance (direct), ASTM D 2794                        | Aluminum: 2x metal thickness inch-pounds, no loss of adhesion<br>HDG/Galvalume: 4x metal thickness inch-pounds, no loss of adhesion              |
| Excellent protection against scratches.  | Pencil Hardness, ASTM D 3363                                   | B to H   |
| Tremendous protection against corrosion.   | Salt Spray, ASTM D 1654 – 1,000 and 2,000 Hours                | HDG and Galvalume: Creep from scribe no more than 1/16" (2 mm), no blisters<br>Aluminum: Creep from scribe no more than 1/16" (2mm), no blisters |
| Multiple gloss levels providing the desired finish.  | Specular Gloss at 60°, ASTM D 523                              | 15 to 55   |
| Great flexibility and formability during the manufacturing process.  | T-Bends, ASTM D 4145   | 0T to 1T, no loss of adhesion  |

### VALSHIELD TWO COAT SYSTEM

Two-coat resin system with total Dry Film Thickness (DFT) of 3.0 to 8.0 mils.



Color Coat: 2.0 - 10.0 mils

\*American Architectural Manufacturers Association. \*\*American Society for Testing and Materials.

For details and health, safety and handling information, Material Safety Data Sheets (MSDS) are available at [www.valsparcoilextrusion.com](http://www.valsparcoilextrusion.com).

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Valspar Coil and Extrusion Coating Division  
Phone: 866-351-6900  
Email: [extrusionhelp@valspar.com](mailto:extrusionhelp@valspar.com)  
[www.valsparcoilextrusion.com](http://www.valsparcoilextrusion.com)

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