

Our Polyure family of coatings is one more reason Valspar® is the industry's most trusted brand. Formulated specifically for aluminum extrusions, each product within the family, providing higher solids while maintaining the solvents needed for efficient use of thermal oxidizers. Each also meets AAMA 2603 performance criteria and provides field-proven durability, resistance to chalking and the chemical resistance demanded by this market.

All aluminum extrusions that lend themselves to a factory-applied, oven-baked finish can be coated with Polyure coatings. Additionally, each Polyure system can be designed to meet the color, gloss, application and cure requirements of most manufacturers of these products.



Polyure 1500

A standard formula, medium solids polyester coating designed for the exteriors of residential applications. Polyure 1500 is a one-coat system.

Polyure 3500

A greener coating, this version of Polyure uses lower VOC solvents and has a higher solids content. With higher solids, you need less coating. Specifically formulated for low content of hazardous air pollutants (HAPs), this high solids polyester coating meets the application, VOC and performance demands of the residential aluminum window and door market. This coating is applicable in states that mandate lower VOCs. This product is a one-coat system and is suitable for interiors and exteriors.

Polyure 4000

This version of Polyure is more flexible and is ideal whenever post fabrication of aluminum sheets is needed. It's a perfect choice for the transportation industry and can be used for RV components, windshield trim and custom van trims. It can also be used for some interior residential components, such as trim and railings. Polyure 4000 is a one-coat system with time-proven road-worthy durability.

BENEFITS

- Proven durability
- Exceptional resistance to chalking and fading
- Exceptional mar resistance

SUBSTRATES

May be applied to pretreated aluminum panels and extrusions.

COLORS

All three members of the Polyure family are available in a wide spectrum of standard colors, plus special colors that are available from Valspar. Polyure 4000 is also available with a range of gloss finishes.

END USES

Polyure 1500 and 3500:

- Windows and door frames for residential and light commercial buildings.

Polyure 4000:

- Post-forming applications such as RV components, windshield trim and custom van trims, plus interior trim and railings.

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.

Extrusion Customer Service:

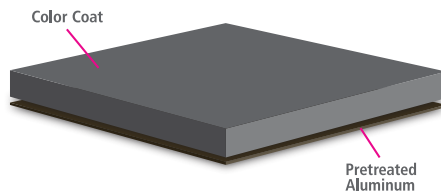
866-351-6900 — extrusionhelp@valspar.com

COMMITMENT TO QUALITY — TECHNICAL DATA: POLYLURE FAMILY

		1500	3500	4000
Our coatings are trusted and field proven through rigorous testing, providing key benefits to our customers.	Coating System	Polyester	Polyester	Polyester
	Number of Coats	1 coat	1 coat	1 coat
	Dry Film Thickness (DFT)	DFT: 1.0 - 1.2 mils	DFT: 1.0 - 1.2 mils	DFT: 0.8 - 1.2 mils
	Industry Specification Compliance	AAMA 2603-13*	AAMA 2603-13	AAMA 2603-13
	Substrates	Applied to pretreated aluminum panels and extrusions	Applied to pretreated aluminum panels and extrusions	Applied to pretreated aluminum panels and extrusions
Superior coating adhesion to substrate.	Cross Hatch Adhesion, ASTM D 3359**	5B, no loss of adhesion	5Bs, no loss of adhesion	5B, no loss of adhesion
Amazing protection against corrosion caused by humidity.	Humidity Resistance, ASTM D 4585 100% RH – 1,500 Hours	Rating 8: No more than a few field blisters, ASTM D 714	Rating 8: No more than a few field blisters, ASTM D 714	Rating 8: No more than a few field blisters, ASTM D 714
Long-lasting durability against nature.	Impact Resistance (direct)	No removal of film from substrate	No removal of film from substrate	No removal of film from substrate
Excellent protection against scratches.	Pencil Hardness, ASTM D 3363	H to 3H	H to 3H	F to H
Tremendous protection against corrosion.	Salt Spray Resistance, ASTM B 117 5% Salt Solution at 1500 hours	Creep from scribe or cut edge no more than 1/16" (2mm), Rating: 7, Field Blister Rating: 8 minimum	Creep from scribe or cut edge no more than 1/16" (2mm), Rating: 7, Field Blister Rating: 8 minimum	Creep from scribe or cut edge no more than 1/16" (2mm), Rating: 7, Field Blister Rating: 8 minimum
Multiple gloss levels providing the desired finish.	Specular Gloss at 60°, ASTM D 523	15 to 90	15 to 90	15 to 80

POLYLURE FAMILY

One-coat polyester resin system with total Dry Film Thickness (DFT) of 1.2 mils.



Color Coat: 0.8 - 1.2 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.

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