



POLYKOTE® POLYESTER COATINGS FROM SHERWIN-WILLIAMS

Sherwin-Williams Polykote coil coatings are field-proven, multi-purpose polyester finishes designed for a variety of applications. These coatings provide tremendous flow characteristics over a wide range of cure temperatures. Polykote coatings may be applied as single-coat finishes or used with a Sherwin-Williams recommended corrosion-resistant primer to meet stringent roll-forming and corrosion demands. Ensure your project will perform and impress for years to come with the most trusted name in architectural coatings.

■ Polykote 1000

With Polykote 1000, it's never been easier to use Sherwin-Williams polyester for adaptable and dependable nonstop protection. Ideal applications include residential siding, rainware, trim coil, building accessories, curtain rods, canopies, awnings, enclosures and other long-life products.

■ Polykote 3000

This perfectly formulated polyester turns science into a thing of beauty for your project with flexibility, strength and consistency for years and years on the job. Application possibilities include all of those listed for Polykote 1000 plus mobile homes, truck trailers and street signs.

■ Polykote 4000

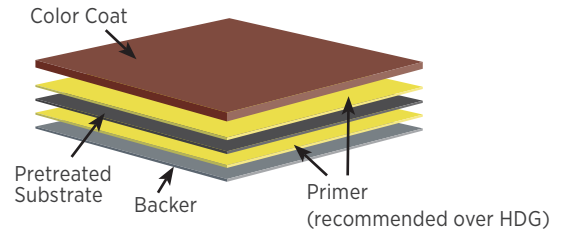
Polykote 4000's 100% hard-wearing polyester is engineered to take repeated abuses of high-traffic, high-touch areas and items. Its ideal applications include commercial and residential entry doors, garage doors, shelving and interior wall panels.

■ Polykote 9200

This inside-to-outside Sherwin-Williams Polykote superstar lasts, glows and impresses long into the future. Many uses are possible, including window applications, trim coil and HVAC elements.

COMMITMENT TO QUALITY

Our coatings are trusted and field-proven through rigorous testing, providing key benefits to our customers.



COATING SYSTEM	Coating System	Number of Coats	Dry Film Thickness (DFT)		Total Topside DFT:	Backer	Specular Gloss 60°
			Primer	Color Coat			ASTM D523, +/-5 units of manufacturer's specification
POLYKOTE[®] 1000	Polyester	1-Coat	—	0.6-0.8 mils	0.65-0.9 mils	0.2-0.3 mils	11-40
POLYKOTE[®] 2000	Polyester	1-Coat	—	0.6-0.8 mils	0.6-0.75 mils	0.2-0.3 mils	8-18
POLYKOTE[®] 3000	Polyester	2-Coat on CRS	0.15-0.25 mils	0.7-0.8 mils	0.85-1.05 mils	0.2-0.3 mils	55-65
POLYKOTE[®] 9200	Polyester	1-Coat	—	0.6-0.85 mils	0.65-1.05 mils	0.2-0.3 mils	8-45
POLYKOTE[®] 9200	Polyester	2-Coat	0.15-0.25 mils	0.5-0.8 mils	0.65-1.05 mils	0.2-0.3 mils	8-45

¹American Architectural Manufacturers Association. ²American Society for Testing and Materials. ³Polykote is not designed to bridge cracks in the substrate. Polykote coatings will generally meet the requirements for most post-painted fabrication processes. However, variations in metal quality, thickness or cleaning/pretreatment applications can lead to diminished flexibility.

For details and health, safety and handling information, Material Safety Data Sheets (MSDS) are available at coil.sherwin.com. Polykote[®] is a registered trademark of Sherwin-Williams. Galvalume[®] is a registered trademark of BIEC International, Inc.

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BENEFITS

- Exceptional resistance to sun, rain and other elements
- Superior scratch resistance
- Outstanding dirt and stain resistance
- Excellent overall adhesion
- Great flexibility and formability

SUBSTRATES

May be applied to HDG, Galvalume®, Galfan®, cold-rolled steel and aluminum.

COLORS

Polykote coatings are available in bright white.

END USES

Polykote coatings are ideal for long-life external use on agricultural buildings, light commercial and pre-engineered buildings, including:

- Residential metal siding and roofing systems
- Interior liner panels, doors and trim
- Rain-carrying equipment
- Mobile homes and truck trailers
- Sign blank stock
- Curtain rods, canopies and awnings
- Enclosures
- Other metal building components

POLYKOTE PERFORMANCE TESTING

Industry Specifications Compliance	AAMA 2603-17A Requirements	Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels
Substrates	Pretreated substrates: pretreated aluminum, HDG hot-dip galvanized and CRS cold-rolled steel	

PHYSICAL TESTING	ASTM ² TEST METHOD	AAMA ¹ 2603-17A REQUIRED TEST RESULT
Cross Hatch Adhesion	ASTM D3359	No loss of adhesion between coating and substrate to point of metal rupture with 1/8" cross hatch scribe pattern through coating to bare metal
Graffiti Resistance	ASTM D6578/D6578M	Meets and exceeds
Humidity Resistance	ASTM D2247: 100% RH for 1,000 hours	Galvalume or HDG: less than 2% #8 size blisters, no loss of adhesion Aluminum: No blisters or loss of adhesion
Impact Resistance (Direct)	ASTM D2794	Steel: 3x metal thickness inch-pounds, no loss of adhesion Aluminum: 1.5x metal thickness inch-pounds, no loss of adhesion
Pencil Hardness	ASTM D3363	1000: HB to H 2000: F to 2H 3000: F to 3H 9200: F to 2H
Salt Spray	ASTM D1654: 5% Salt Fog at 95° F for 1,000 Hours	1000 and 2000: Aluminum: No field blistering, no more than 1/32" creep from the scribe after 1,000 hours exposure. CRS: no field blistering, no more than 1/8" creep from the scribe after 250 hours exposure. 3000: CRS: no field blistering, no more than 1/8" creep from the scribe after 250 hours exposure. 9200: HDG: Creep from scribe ≤ 1/8 inch (3mm), few #8 blisters. Number of hours tested varies by substrate and/or primer selected. Aluminum: No field blistering, no more than 1/32" creep from the scribe after 1,000 hours exposure. CRS: no field blistering, no more than 1/8" creep from the scribe after 250 hours exposure.
T-Bend	ASTM D4145 ³	1000: 0T-1T 2000: 1T-2T 3000: 1T-2T 9200: 0T-1T



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

Give us a call and see how we can help with your next project.

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