

POWDURA® 5000 COATING SYSTEM

Durability and weather resistance are non-negotiable when specifying powder coatings on your metal building products. That's why Powdura® 5000 coatings are formulated to provide a durable finish with outstanding UV resistance, ensuring your structure withstands the harsh environments it faces for years to come.

Powdura 5000 coatings are designed to meet or exceed AAMA 2605 specifications, providing excellent gloss retention and resistance to chalking and color fade for metal building products.

POWDURA® 5000
COATINGS COLOR GUIDE



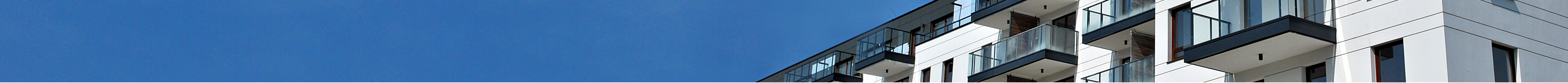
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POWDURA® ARCHITECTURAL ALUMINUM COATING SYSTEMS

Powdura® powder coating systems for exterior and interior metal building products offer the breadth and flexibility you need for your finishing requirements. Powdura coating systems possess excellent abrasion, mar, scratch, and impact resistance to withstand your harshest environments.

POWDURA® 3000

Powdura® 3000 coatings, formulated with super durable polyester resins, feature a wide range of color and gloss levels, including 188 RAL standard colors - available in both TGIC and TGIC-free formulations. Applications include: Residential and light commercial use for windows, doors, residential fencing, and railings.

POWDURA® 4000

Powdura® 4000 coatings are formulated with super durable polyester resins and solar-reflective pigments known to reduce heat build-up and leave the painted metal cool to the touch. This coating system provides excellent gloss retention and is available in TGIC and TGIC-free formulations. Applications include: Residential and non-monumental, heavy commercial use for windows, doors, fencing, railings, stairwells, handrails, louvers, skylights, indoor atrium areas, high traffic areas, and store fronts.

POWDURA® 5000

Powdura® 5000 coatings' combination of fluoropolymer resins and solar-reflective pigments defends against ultraviolet radiation, enhancing thermal stability and delivering a hard, durable finish to combat wear and tear of this one-coat system. Applications include: Residential and monumental, heavy commercial use for windows, doors, fencing, railings, louvers, skylights, curtain walls, column covers, exterior lighting fixtures, sash extrusions, entrance overhang structures, and store fronts.

	POWDURA® 3000	POWDURA® 4000	POWDURA® 5000
AAMA Spec	2603	2604	2605
Film Thickness ASTM D7091	1.8 to 3.0 mil	1.8 to 3.0 mil	1.8 to 3.0 mil
Specular Gloss at 60° ASTM D523	30-90 units	30-90 units	30-80 units
Humidity ASTM D2247	1,500 hours aluminum	3,000 hours aluminum	4,000 hours aluminum
Acid Salt Spray ASTM G85 Annex 5	N/A	N/A	2,000 hours aluminum
Salt Spray ASTM B117	2,000 hours	3,000 hours	4,000 hours
Weathering	1 year exposure, 45° South Florida	5 years exposure, 45° South Florida	10 years exposure, 45° South Florida
Fade ASTM D2244	Slight color fade	Max 5ΔE	Max 5ΔE
Chalk ASTM D4214	Chalk minimal	Chalk maximum 8 rating	Chalk maximum 8 rating on colors; maximum 6 rating on whites
Gloss ASTM D523	Slight gloss loss	Gloss > 30% retention	Gloss > 50% retention

APPROVED APPLICATOR PROGRAM

Our established audit and testing program ensures that applicators meet Sherwin-Williams specifications and those of the American Architectural Manufacturers Association (AAMA) when applying Powdura® coatings. Throughout the Approved Applicator Program's process, our technical service team works directly with applicators, assuring the highest performance and aesthetic look of your finished product.

CONTACT US

Sherwin-Williams Powdura® 5000 coatings can be matched to meet your custom color needs. For coil and extrusion-related projects, visit us at coil.sherwin.com or call (866) 351-6900. For other metal building-related projects, visit us at oem.sherwin.com or call (855) 806-6846.

POWDURA® 5000 COATINGS

Powdura® 5000 is a powder coating system that provides excellent gloss retention and resistance to chalking and color fade. These colors are widely used and readily available today.



Colors shown are an approximate match.

POWDURA® 5000 COATINGS

Powdura® coatings' combination of durability and aesthetic finish brings a lasting impression to your structure, with rich pastel and earth tone colors – including micas available in a wide gloss range. This system provides excellent performance for your structure's heavily used metal building products, such as windows, doors, and railings. Resistant to chipping, cracking, and peeling, Powdura® 5000 coatings are designed to withstand the elements, such as airborne pollutions, and keep your finish looking new without staining or discoloration. With proven performance from over 10 years of field service, Powdura 5000 coatings provide excellent long-term appearance, require minimal maintenance, and are easily cleaned.



WHEN EXTRA CORROSION RESISTANCE IS NEEDED

Powdura® Super Durable Primer (RAS5-80000) resists damage from harmful UV rays and provides an extra barrier coat to aid in corrosion prevention. When used with Powdura® coating systems' topcoats, the coatings meet or exceed their respective AAMA specifications when applied over properly pre-treated aluminum.