

PowderCoat

General Information

American Architectural Manufacturers Association (AAMA) Paint Performance Standards

	AAMA 2603 Lower Performance Standard	AAMA 2604 Average Performance Standard	AAMA 2605 Superior Performance Standard
Minimum Film Thickness	2 to 3 mils	2 to 3 mils	2 to 3 mils
Crosshatch Adhesion	Dry & Wet - 100%	Dry, Wet & Boiling - 100%	Dry, Wet & Boiling - 100%
Direct Impact Resistance	0.1 inch (2.54 mm) deformation minor crack/no pick off	0.1 inch (2.54 mm) deformation minor crack/no pick off	0.1 inch (2.54 mm) deformation minor crack/no pick off
HCl Resistance (10%)	15 minute spot no blister or color change	15 minute spot no blister or color change	15 minute spot no blister or color change
Mortar Resistance	24 hours surface contact no adhesion or residue	24 hours surface contact no adhesion or residue	24 hours surface contact no adhesion or residue
Detergent Resistance	72 hours immersion no change or loss of adhesion	72 hours immersion no change or loss of adhesion	72 hours immersion no change or loss of adhesion
Humidity Resistance	1500 hours 100% humidity #8 blister size maximum	3000 hours 100% humidity #8 blister size maximum	4000 hours 100% humidity #8 blister size maximum
Salt Spray Resistance Scribed	1500 hours 5% solution minimum 7 on scribe, 8 on field	3000 hours 5% solution minimum 7 on scribe, 8 on field	4000 hours 5% solution minimum 7 on scribe, 8 on field
Metal Pretreatment Req.	No specification	30 mg/ft ² chrome of non-chrome equivalent	40 mf/ft ² chrome
Pencil Hardness (minimum)	H	F	F
Abrasion Resistance (1/mil)	No specification	20	40
Nitric Acid Vapor Resistance	No specification	30 minute exposure 5 ΔE maximum color change	30 minute exposure <5 ΔE color change
Window Cleaner Resistance	No specification	24 hour spot test no visual change	24 hour spot test no visual change
Weathering	1000 hours Xe & 1 year Florida slight chalk and fade	5 years Florida 5 ΔE maximum color change 8 chalk minimum 10% film erosion maximum	10 years Florida 5 ΔE maximum color change 8 chalk minimum (6 on whites) 10% film erosion maximum

AAMA specifications can be downloaded at <http://www.aamanet.org/general.asp?sect=2&id=45>



AAMA 2603

In order to conform to the AAMA 2603 specification, powder coatings are combined with a standard durable polyester binder. Projects which adhere to this standard are mainly interior applications including ceiling panels, grilles, and screens. These powders are ideal when color retention is not a requirement; however they are highly resistant to scratching and scuffing.



AAMA 2604

When it comes to AAMA specifications, 2604 is the middle of the road. This specification includes powders that are combined with super durable/modified polyester resins. Projects well suited for this specification include railings, handrail infill panels and balcony components. This particular finish wears well due to its toughness and retains its color and gloss for approximately 5 years.



AAMA 2605

The AAMA 2605 specification is the top of the line when it comes to high performance exterior powder coating. This powder can include a fluoropolymer resin and is resistant to moisture, humidity, salt spray, ozone and UV radiation. Typical applications for this specification can include any exterior architectural feature.



OHIO GRATINGS, INC.

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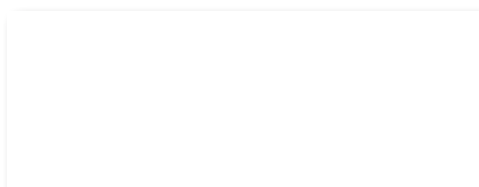
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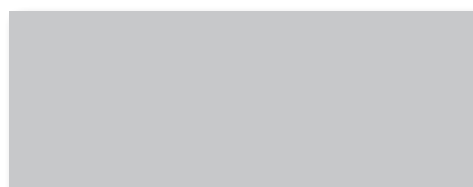
Architectural Standard Colors

AAMA2603 & AAMA2604

(see back for details)



AR1-03 WHITE AR1-04



AR6-03 LIGHT GRAY AR6-04



AR2-03 LIGHT BROWN AR2-04



AR7-03 MEDIUM GRAY AR7-04



AR3-03 MEDIUM BLUE AR3-04



AR8-03 DARK GRAY AR8-04



AR4-03 GREEN AR4-04



AR9-03 DARK BROWN AR9-04



AR5-03 BRICK RED AR5-04



AR10-03 BLACK AR10-04

The colors on this card are reproduced as closely as possible, and should only be used as a guide. Upon request, OGI POWDERCOAT will send you an actual color chip.

Call for a quotation on the above colors.



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