



CASCADIA METALS

Cascadia Standard Colors SMP Prepainted Steel 22ga - 30ga

				
BRIGHT WHITE	CASHMERE	METRO BROWN	BRIGHT RED	TILE RED
				
POLAR WHITE	ANTIQUÉ LINEN	COFFEE BROWN	DARK RED	BURGUNDY
				
APPLIANCE WHITE	WICKER	DARK BROWN	MIST GREEN	SAGE GREEN
				
CAMBRIDGE WHITE	TAN	BLACK	TURQUOISE	PACIFIC TURQUOISE
				
WHITE-WHITE	BRIARWOOD TAN	IRON ORE	DEEP WATER GREEN	FOREST GREEN
				
BONE WHITE	PEBBLESTONE	CHARCOAL	SPRUCE GREEN	MELCHERS GREEN
				
SURF WHITE	STONE GREY	REGENT GREY	GOLD	DARK GREEN
				
LABRADOR BLUE	HERON BLUE	SLATE BLUE	ROYAL BLUE	SAPPHIRE BLUE

Colors shown are representative of the actual colors but are limited by printing conditions. Actual pre-painted metal samples are available upon request. Additional sizes and colors may be available with a minimum order quantity. Please inquire with your Cascadia Metals Sales Representative.

ALL THE SELECTION. ONE SOURCE.



PROPERTY	SMP COATING TEST METHOD	SMP COATING SPECIFICATION
Dry Film Thickness	ASTM D 1400-94 ASTM D 1005-95	0.75-1.85 Mil 0.90-1.15 Mil
Specular Gloss	ASTM D 523-89 @ 60°	20-35
Humidity Resistance	ASTM D 2247 (100% relative humidity @ 95°)	Passes 1,000 hrs.
Salt Spray	ASTM B 117 (5% salt spray @ 95°)	Passes 1,000 hrs.
Acid Pollutant Resistance	ASTM D 1308-87 (20% sulfuric acid 18 hrs., 10% muriatic acid 15 minutes)	No effect
Graffiti Resistance	Cleanability of Defaced Panels (spray paint, pens, etc.)	No effect
Abrasion Resistance	ASTM D 968-93 (to expose 5/32" of substrate)	25-40 Litres
Chalk Resistance	ASTM D 4214 (Florida Exposure @ 45° S)	Vertical: Rating not < 8 @ 10 yrs. Non-Vertical: Rating not < 7 @ 10 yrs.
Color Retention	ASTM 2244 - Hunter Units (Florida Exposure @ 45° S)	Vertical: Not > 5Δ Hunter Units @ 10 yrs. Non-Vertical: Not > 6Δ Hunter Units @ 10 yrs.
Adhesion	ASTM D 3359-95a (Reverse Impacted 1/16" crosshatched)	No adhesion loss
Pencil Hardness	ASTM D 3363	H-2H (NCCA II-12)
Reverse Impact	ASTM D 2794-93 (3,000 x inches of metal thickness)	Passes - No pick off with Scotch #610 tape
Flexibility T-Bend	ASTM D 4145-83 (No crack, no pick-off)	2T-4T bends, no loss of adhesion
Film Cure	ASTM D 5402 (≥ 100 double MEK rubs)	Passes
Fire Rating	E 84	Fuel contributed zero, Passes
Weatherometer	D 6695	Passes 3,000 hrs.
UV Exposure	D 4587	Passes 1,000 hrs.
Film Integrity		40 years - limited warranty

Hunter Units: A standard of key color scales and color values that are used by industry for color control. Oil Canning is a characteristic of metal roofing and not a cause for material rejection. Removable protective film is available upon request on all SMP sheet products. This protective film **MUST** be removed immediately after installation. Due to high mechanical properties, Grade 80 material is not suitable for drawing, pressing, or Pittsburg Lock Seam applications.

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