



CASCADIA METALS LTD.

Cascadia Standard Colors
SMP Prepainted Steel
22ga - 30ga



POLAR WHITE



CAMBRIDGE WHITE



WHITE-WHITE



BONE WHITE



SURF WHITE



STONE GREY



REGENT GREY



PEBBLESTONE



CHARCOAL



BLACK



METRO BROWN



COFFEE BROWN



DARK BROWN



CASHMERE



ANTIQUE LINEN



WICKER



BRIARWOOD TAN



TAN



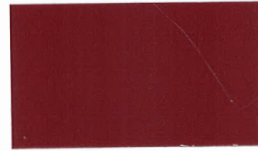
GOLD



TILE RED



BURGUNDY



DARK RED



BRIGHT RED



LABRADOR BLUE



HERON BLUE



ROYAL BLUE



SLATE BLUE



SAPPHIRE BLUE



MIST GREEN



SAGE GREEN



TURQUOISE



PACIFIC TURQUOISE



DEEP WATER GREEN



FOREST GREEN



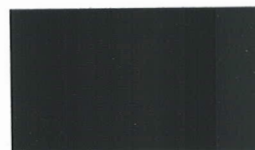
SPRUCE GREEN



MELCHERS GREEN



DARK GREEN



IRON ORE

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 Pittsburgh Lock Seam applications.

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