



**CASCADIA
METALS**

**COLOR
SELECTION
GUIDE**

CLASSIC COLORS

SMP (Prepainted Steel)

26ga x 40.5" & 48", CSA, G90 | 26ga x 42.75", Gr80, G90 or AZ50 | 30ga x 40.875", Gr80, G60 or AZ50



WINTER WHITE



POLAR WHITE



SHASTA WHITE[△]



IVORY



PARCHMENT



LIGHTSTONE



STONE



SANDSTONE



BEIGE



HICKORY



DESERT BROWN



WEATHERED COPPER



MEDIUM BROWN



KOALA BROWN[△]



DARK BROWN



ASH GRAY



LIGHT GRAY



DARK GRAY



BLACK[△]



COPPER PENNY^{*}



SAGE GREEN



DARK GREEN



FOREST GREEN



A.S. BLUE



DARK BLUE



BRICK RED



BURGUNDY



PRIMER

Color samples shown approximate actual paint colors as closely as possible. Due to the printing process, actual paint colors may vary. Special product requirements - including but not limited to specific recycled content, SRI, Buy American, or other - MUST be stated in writing as part of the request for quote. These special requirements may impact Cascadia Metals' ability to satisfy the order. Consult with a Cascadia Metals Sales Representative for more information.

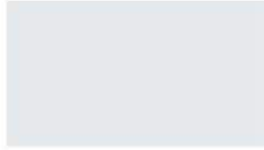
[△] Shasta white, Koala Brown, and Black are also available in polyester paint system. These colors also represent our rainwater goods offer.

^{*} Metallic Colors: please be advised our Metallic Colors are batch sensitive and directional in nature. We strongly advise you do not mix batches on any project.

SIGNATURE COLORS

PVDF (Prepainted Steel)

22ga x 48", Gr50, G90 & AZ50 | 24ga X 48", Gr50, G90 & AZ50



REGAL WHITE
SRI: 78



PARCHMENT
SRI: 58



SIERRA TAN
SRI: 58



CHAMPAGNE METALLIC*
SRI: 49



MOCHA
SRI: 35



WEATHERED COPPER
SRI: 27



BRONZE
SRI: 25



DARK BRONZE
SRI: 27



COPPER PENNY*
SRI: 42



TERRA COTTA
SRI: 42



COLONIAL RED
SRI: 34



RETRO RED
SRI: 25



HEMLOCK GREEN
SRI: 37



FOREST GREEN
SRI: 30



HARTFORD GREEN
SRI: 27



TWILIGHT BLUE
SRI: 25



REGAL BLUE
SRI: 25



SILVER METALLIC*
SRI: 58



OLD TOWN GRAY
SRI: 42



WEATHERED ZINC*
SRI: 40



OLD ZINC GRAY
SRI: 40



SLATE GRAY
SRI: 30



BLACK MATTE
SRI: 24

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PRINTED SERIES

PVDF (Prepainted Steel)

24ga, AZ50



SADDLE



FRONTIER



ACORN



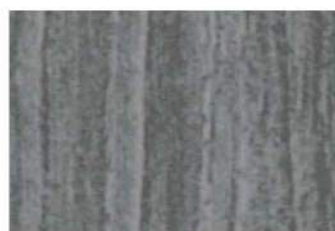
GUNSTOCK



ESPRESSO



WAGONWOOD



BARNBOARD



AUTUMN

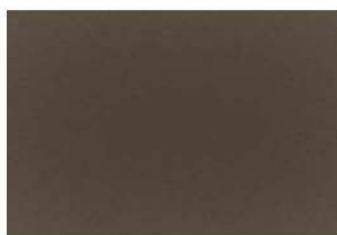
TEXTM SERIES

SMP (Prepainted Textured Steel)

AZ150 Substrate



GRAPHITE



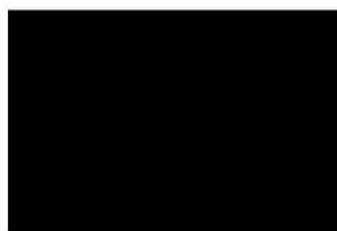
BURNISHED SLATE



BLUE GRAY



TILE RED



ONYX BLACK

Color samples shown approximate actual paint colors as closely as possible. Due to the printing process, actual paint colors may vary. Printed and TEX Series colors are batch sensitive and directional in nature. We strongly advise against mixing batches on any project. Consult with a Cascadia Metals Sales Representative for more information.

COATING SYSTEMS

Cascadia Metals carries a broad range of pre-painted PVDF and SMP steel products, focusing specifically on galvanized and 55% aluminum-zinc alloy coated substrates. Available in coil and flat sheet, our pre-painted steel represents the most popular colors in the market and is fully supported by industry competitive warranties.

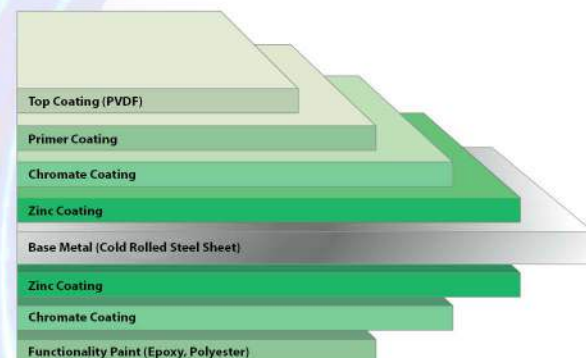
PVDF (Polyvinylidene Fluoride)

PVDF paint systems are developed using specialized ceramic pigments combined with fluoropolymer resins to create high-end coatings for metals. PVDF is a highly non-reactive and pure thermoplastic fluoropolymer used in a variety of applications where the highest purity, strength, and resistance to solvents, acids, bases, and heat are required.

Benefits

Gloss & Color Retention | Chalk & Fade Resistance | Harsh Weather Resistance

(1 SIDE COATED)



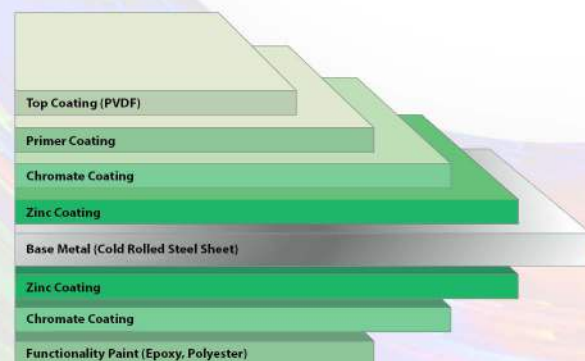
SMP (Silicone Modified Polyester)

SMP paint systems are developed using a blend of polyester and silicone agents. Silicone acts to improve the gloss retention and weather resistance of the polyester coating. SMP pre-painted steel is preferred by many building owners due to the relative durability of the coating and the budget-friendly cost as compared to other more expensive paint systems.

Benefits

Durability | Chalk & Fade Resistance | Cost Effective

(BOTH SIDES COATED)



SPECIFICATIONS

COATING TEST METHOD	POLY	SMP	PVDF
Dry Film Thickness	ASTM D 1400-94 ASTM D 1005-95	0.75-1.85 Mil 0.90-1.15 Mil	0.75-1.85 Mil 0.90-1.15 Mil
Specular Gloss	ASTM D 523-89 @ 60°	20-35	20-35
Humidity Resistance	ASTM D 2247 (100% relative humidity @ 95°)	Passes 1000 hours	Passes 1000 hours
Salt Spray	ASTM B 117 (5% salt spray @ 95°)	Passes 1000 hours	Passes 1000 hours
Acid Pollutant	ASTM D 1308-87 20% sulfuric acid 18 hours, 10% muriatic acid 15 minutes	NO EFFECT	NO EFFECT
Chalk Resistance	ASTM D 4214 Hunter Units (Florida exposure @ 45° S)	Rating not <8 @ 20 years	Rating not <8 @ 30 years
Color Retention	ASTM D 4214 Hunter Units (Florida exposure @ 45° S)	Rating not >5Δ @ 20 years	Rating not >5Δ @ 30 years
Adhesion/Reverse Impact	ASTM D 3359-95a (reverse impacted 1/16" crosshatched) ASTM D 2794-93 (3,000 x inches of metal thickness)	NO ADHESION LOSS NO ADHESION LOSS	NO ADHESION LOSS NO ADHESION LOSS
Pencil Hardness	ASTM D 3363	H <	H-25 (NCCA II-12)
Flexibility T-Bend	ASTM D 4145-83	2T no pickoff	2T no pickoff
Abrasion Resistance	ASTM D 968-93 (to expose 5/32" of substrate)	15 Liters	25-40 Liters
Graffiti Resistance	ASTM D 6578 (cleanability of defaced panels- spray paint, pens, etc.)	NO EFFECT	NO EFFECT
Warranty		20-year limited warranty	40-year limited warranty

Values displayed above are for Residential, Commercial, and School installation. For Industrial and Severe Marine applications, please contact your Cascadia Metals sales representative. Due to the printing process, actual paint colors may vary from the samples shown. Color samples shown approximate actual paint colors as closely as possible. Colors may vary by region. Larger samples are available upon request and strongly recommended. *Metallic Colors, TEX Series, Printed Series; please be advised these colors are batch-sensitive and directional in nature. We strongly advise against mixing batches on any project.



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Spokane
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