

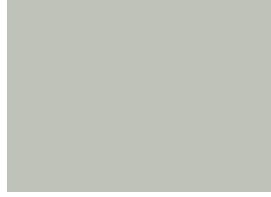
Architectural Finish Guide

22ga Steel

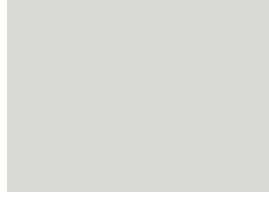
Standard Finishes (Silicon Modified Polyester)



Black



Bone White



Cambridge White



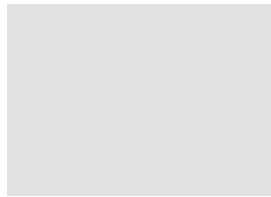
Charcoal



Dark Brown



Metro Brown



Polar White



Regent Grey



Slate Blue



Stone Grey



Surf White



Tan



White White

Premium Finishes (Polyvinylidene Fluoride)



Black



Copper Penny*



Dark Bronze



Old Zinc Grey



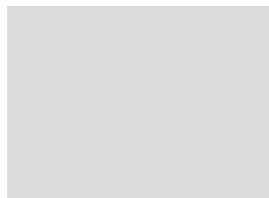
Old Town Grey



Parchment



Regal Blue



Regal White



Silver Metallic*



Slate Grey



Weathered Copper



Weathered Zinc*

*These finishes are metallic and directional in nature. They are represented in web and print resources as accurately as possible, but due to the limitations of printing and monitor settings Lenmak recommends that clients select colours from physical swatches.

Technical Data

Physical Attribute	Test Method	Specification Standard Finishes (SMP)	Specification Premium Finishes (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 523-90 @ 60°	20-35	20-35
Humidity Resistance	ASTM D 2247 (100% Relative Humidity @ 95°)	Passes 1,000 Hrs.	Passes 2,000 Hrs.
Salt Spray	ASTM B 117 (5% Salt Spray @ 95°)	Passes 1,000 Hrs.	Passes 1,000 Hrs. with < 5% #6 Blisters
Acid Pollutant Resistance	ASTM D 1308-87 (20% Sulfuric Acid 18 hrs., 10% Muriatic Acid 15 mins.)	No Effect	No Effect
Graffiti Resistance	Cleanability of Defaced Panels (spray paint, pens, etc.)	No Effect	No Effect
Abrasion Resistance	ASTM D 968-93 (to expose 5/32" of substrate)	25-40 Litres	100 Litres
Chalk Resistance	ASTM D 4214 (Florida Exposure @ 45°S)	Vertical: Rating Not < 8 @ 10 yrs. Non-Vertical: Rating Not < 7 @ 10 yrs.	Rating not < 8 @ 20 yrs.
Colour Retention	ASTM 2244 – Hunter Units (Florida Exposure @ 45°S)	Vertical: Not >5Δ Hunter Units @ 10 yrs. Non-Vertical: Not >6Δ Hunter Units @ 10 yrs.	Not > 5Δ Hunter Units @ 20 yrs.
Adhesion	ASTM D 3359-95a (Reverse Impacted 1/16" crosshatched)	No Adhesion Loss	No Adhesion Loss
Pencil Hardness	ASTM D 3363	H-2H (NCCA II-12)	HB-2H
Reverse Impact	ASTM D 2794-93 (3,000 x inches of metal thickness)	Passes – No Pick-Off with Scotch #610 Tape	No cracking or loss of adhesion
Flexibility T-Bend	ASTM D 4145-83 (No Crack, No Pick-Off)	2T-4T Bends, No Loss of Adhesion	0T-3T Bends, No Loss of Adhesion
Mandrel	ASTM D 522-93A (180 Bend Around 1/8" Mandrel)	-	No Cracking
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	25 Years – Limited Warranty

*Hunter Units: A standard of key colour scales and colour values that is used by the industry to control & evaluate colour & retention.