

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 | 0.75-1.85 Mil 0.90-1.15 Mil |
| Specular Gloss | ASTM D 523-89 @ 60° | 20-35 | 20-35 | 20-35 |
| Humidity Resistance | ASTM D 2247 (100% relative humidity @ 95°) | Passes 1000 hours | Passes 1000 hours | Passes 2000 hours |
| Salt Spray | ASTM B 117 (5% salt spray @ 95°) | Passes 1000 hours | 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 | NO EFFECT |
| Chalk Resistance | ASTM D 4214 Hunter Units (Florida exposure @ 45° S) | Rating not <8 @ 20 years | Rating not <8 @ 30 years | Rating not <8 @ 40 years |
| Color Retention | ASTM D 4214 Hunter Units (Florida exposure @ 45° S) | Rating not >5Δ @ 20 years | Rating not >5Δ @ 30 years | Rating not >5Δ @ 40 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 | NO ADHESION LOSS NO ADHESION LOSS |
| Pencil Hardness | ASTM D 3363 | H < | H-25 (NCCA II-12) | HB-H |
| Flexibility T-Bend | ASTM D 4145-83 | 2T no pickoff | 2T no pickoff | 2T no pickoff |
| Abrasion Resistance | ASTM D 968-93 (to expose 5/32" of substrate) | 15 Liters | 25-40 Liters | 100 Liters |
| Graffiti Resistance | ASTM D 6578 (cleanability of defaced panels- spray paint, pens, etc.) | NO EFFECT | NO EFFECT | NO EFFECT |
| Warranty | | 20-year limited warranty | 40-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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