

COATING TEST METHOD		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 2000 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 18hrs., 10% muriatic acid 15 minutes)	NO EFFECT	NO EFFECT
Chalk Resistance	ASTM D 4214 Hunter Units (Florida exposure @ 45°S)	Rating not <8 @ 30 years	Rating not <8 @ 40 years
Color Retention	ASTM D 2244 Hunter Units (Florida exposure @ 45°S)	Rating not >5Δ Hunter Units @ 20 years	Rating not >5Δ @ 40 years
Adhesion / Reverse Impact	ASTM D 3359-95a (Reverse Impacted 1/16" crosshatched)	NO ADHESION LOSS	NO ADHESION LOSS
	ASTM D 2794-93 (3,000 x inches of metal thickness)	NO ADHESION LOSS	NO ADHESION LOSS
Pencil Hardness	ASTM D 3363	H-25 (NCCA II-12)	HB-H
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)	25-40 Liters	100 Liters
Graffiti Resistance	ASTM D 6578 (Cleanability of defaced panels - spray paint, pens, etc.)	NO EFFECT	NO EFFECT
Warranty		LIMITED LIFETIME	LIMITED LIFETIME