

## PVDF PRE-PAINTED STEEL TEX COATING 24GA AZ50 SUBSTRATE

PROPERTY	PRINTECH COATING TEST	PRINTECH COATING SPECIFICATIONS
Dry Film Thickness	ASTM D 1400-94 ASTM D 1005-95	Top Coat: 0.7-0.8 Mill / Primer: 0.2-0.3 Mill
Specular Gloss	ASTM D 523-89 @ 60°	20-80
Humidity Resistance	ASTM D 2247 (100% relative humidity @ 95°)	Passes 1,000 hrs. with no field blisters
Salt Spray	ASTM B 117 (5% salt spray @ 95°)	Passes 1,000 hrs. with creep from scribe ≤ 1/8 inch, none or few#8 blister
Acid Pollutant Resistance	ASTM D 870 (20% Sulfuric Acid 18Hr 10% muriatic acid 15min) 168 hrs.)	No field blisters with min. color change
Graffiti Resistance	ASTM D 6578 (Cleanable of Defaced panels spray paint, pens, ect)	25 to 45 seconds
Abrasion Resistance	ASTM D 968-93 (to expose 5/32" of substrate)	35 ± 5 Liters
Chalk Resistance (South Florida Exposure)	ASTM D 4214 (@ 45°S)	Chalk: Rating not < 8 @ 90° angle and 6 @ non-vertical angle @ 30 years
Color Retention (South Florida Exposure)	ASTM D 2244 -( Hunter Units @ 45°S)	Color: Rating not >5^E Hunter units @ 90° vertical angle and >7^E non-vertical angle @ 30 years
Adhesion	ASTM D 3359-95a (Reverse impact 1/16" crosshatched)	No adhesion loss
Pencil Hardness	ASTM D 3363	F to 2H
Reverse Impact	ASTM D 2794-93 (3x metal of metal thickness)	No adhesion loss
Flexibility T-Bend	ASTM D 4145-83 (No crack, no pick-off)	2T-4T bends, no loss of adhesion
VOC (theoretical)	ASTM D 522-93a (180° bend around 1/8" mandrel)	3.0 to 4.0 lbs per gallon
Film Integrity	40 years- limited warranty	

## SMP PRE-PAINTED STEEL TEX COATING 24GA AZ150 SUBSTRATE

PROPERTY	COATING TEST METHOD	COATING SPECIFICATIONS
Dry Film Thickness	ASTM D 1400-94 ASTM D 1005-95	Top Coat: 0.7-0.8 Mill / Primer: 0.2-0.3 Mill
Specular Gloss	ASTM D 523-89 @ 60°	20-80
Humidity Resistance	ASTM D 2247 (100% relative humidity @ 95°)	Passes 1,000 hrs. with no field blisters
Salt Spray	ASTM B 117 (5% salt spray @ 95°)	Passes 1,000 hrs. with creep from scribe ≤ 1/8 inch, none or few#8 blister
Water Immersion	ASTM D 870 (100° F 168 hrs.)	No field blisters with min. color change
Viscosity	ASTM D 4215 (No. 4 Zahn cup)	25 to 45 seconds
Abrasion Resistance	ASTM D 968-93 (to expose 5/32" of substrate)	35 ± 5 Liters
Chalk Resistance (South Florida Exposure)	ASTM D 659	Chalk: Rating not < 8 @ 90° angle and 6 @ non-vertical angle @ 30 years
Color Retention (South Florida Exposure)	ASTM D 2244	Color: Rating not >5^E Hunter units @ 90° vertical angle and >7^E non-vertical angle @ 30 years
Adhesion	ASTM D 3359	No adhesion loss
Pencil Hardness	ASTM D 3363	F to 2H
Reverse Impact	ASTM D 2794 (3x metal of metal thickness)	No adhesion loss
Flexibility T-Bend	ASTM D 4145 (No crack, no pick-off)	2T-4T bends, no loss of adhesion
VOC (theoretical)	ASTM D 3363	3.0 to 4.0 lbs per gallon
Film Integrity	40 years- limited warranty	