



REF. NO : KK2021-035

DATE : 16.04.2021

OBJECT : PVDF 3L Coastal Quality TDS

Parameter	Value	Method
Coating Type	PVDF 3 Layers	Coil Coating
Coating System	At least double layer primer + PVDF Topcoat + PVDF Clearcoat	Coil Coating
Total Dry Film Thickness	40-50 µm	EN 13523 - 1
Gloss @60 Degree	32 % ±7	EN 13523 - 2
Pencil Hardness	Min. F (no scratch)	EN 13523 - 4
T-Bend Test (No peel-off)	Max. 1T	EN 13523 - 7
Cross cut	100% pass	EN ISO 2409
Impact Resistance	32 kgs.cm	EN 13523 - 5
Cupping	6 mm	EN 13523 - 6
MEK Resistance	Min. 100 DR	EN 13523 - 11
Salt Spray Test (4000hrs)	2 mm max. On scribe and less than 3% blistered surface	ASTM B117
Abrasion Resistance	<40 mg	AAMA 2605 clause 8.6
Chemical Resistance (Muriatic acid/Mortar/Detergent /Window cleaner)	No loss of adhesion and no visual change	AAMA 2605 clause 8.7.1/8.7.2/8.7.3/8.7.4
Humidity Test (4000hrs)	No more than few blister size no 8	ASTM D 2247
Resistance to Natural Weathering (In Florida at 45° South)	The system will passed 10 years exposure with DE less than 5 unit/Gloss retention more than 50% / Chalking less than rating 6	AAMA 2605 clause 8.9