



TECHNICAL DATA

PRODUCT : Extruded aluminum cladding coated with baked powder finish applied by electrostatic process, minimum 60 micron thick

Alloy: aluminum 6063-T5

Walls thickness : 1.8 mm

Plank size: 150 x 5850 mm

Weight : .96 kg / m.l.

Non-combustible : ULC-S114

COATING : Prepainted fluorocarbon powder coating, for aluminum surface, complies with AAMA 2605, is a heigh efficiency electrostatic spray applied, with 2.5 – 3 mil thickness of dry film, after baking at 200° C, on surface having been pretreated with chromate.

ITEMS	TEST	RESULT
Thickness of coating	ISO2360 GB/T4957	± 5 points ≥ 60um
Erichsen Cupping test	ISO1520 GB/T1732	6mm, no crack
on bending	GB/6742 AAMA 2605 SPEC Minimum	
Hardness	ASTM D3363	F H
Adhesion	HG/T3793-2005	≤ 1
Impact resistance	HG/T3793-2005	No removal of film
Abrasion resistance	ASTM D968	40 min. 75 min.
Acid resistance	ASTM D808	15min. no blistering 15min. no blistering
Graffiti resistance		Passed
Salt spray resistance	ASTM B117	.8mm max. .1 mm
Weatherbility & Color retention *	Color change 5ΔE	3ΔE
	Gloss retention 50% min.	85%
Resistance to erosion*	10% loss max.	2,5%

* : SOUTH FLORIDA, EXPOSURE 10 YEARS, 45° C

