

HIGH DURABLE POLYESTER PRE-PAINTED COIL SPECIFICATIONS

PAINT QUALITY High Durable Polyester paint. RAL and other color standards can be supplied

PRETREATMENT Chrome Free - Pretreatment system for Aluminum and Chrome for GI coils.

PAINT COATING	TYPE OF PAINT	PAINT THICKNESS (Microns.)
PRIMER	POLYURETHANE	5 - 7
TOP COAT	HD POLYESTER	20± 2
TOTAL DFT	PRIMER + TOP	25 ± 2
BACK COAT	EPOXY / POLYESTER	5 - 7

PRODUCT PERFORMANCE

TEST PROPERTY	RESULT	TEST METHODS
COLOR MATCHING (WHITE COLORS)	$\Delta E \leq 0.80$	ECCA - T3
GLOSS AT 60 ° 20- 90 %	15 - 85	ECCA - T2
T BEND 1T	PASS	ECCA - T7
IMPACT 32 kg/cm	PASS	ECCA - T5
CROSS HATCH 100%	PASS	ISO 2409
PENCIL HARDNESS H	PASS	ECCA - T4
CUPPING > 6 mm	PASS	ECCA - T6
MEK RESISTANCE 100 DBR	PASS	ECCA - T11
5% HCL & 5% NaOH TEST 24 HRS	GOOD	AAMA 620
SCRATCH RESISTANCE	≤ 1 kg	ECCA - T12
SALT SPRAY TEST 2000 HRS	PASS	ECCA - T8
UVA RESISTANCE (2000 HRS)	$\Delta E \leq 1.0$ (White)	ECCA - T10
UVA RESISTANCE (2000 H), (GLOSS RETENTION)	> 50% (White)	ECCA - T10
HUMIDITY RESISTANCE 1000 HRS	PASS	ASTM D2247
ABRASION RESISTANCE	≤ 50 mg (White)	ISO 11998

The above results are under standard test conditions performed as per ECCA test methods and EN 1396 Norms .

TYPICAL END USES

: Exterior Building Products