

STANDARD POLYESTER PRE-PAINTED COIL SPECIFICATIONS

PAINT QUALITY Premium quality Std. 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 / POLYESTER	5 - 7
TOP COAT	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)	$\Delta E \leq 0.60$	ECCA - T3
GLOSS AT 60 ° 15-85	15-85%	ECCA - T2
T BEND 1T-2T	PASS	ECCA - T7
IMPACT TEST 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 ACID & 5% NaOH TEST 24 HRS	PASS	AAMA 620
SCRATCH RESISTANCE 1Kg	PASS	ECCA - T12
SALT SPRAY TEST. 1000 H	PASS	ECCA - T8
UVA RESISTANCE (1000 H)	$\Delta E \leq 5.0$ (White)	ECCA - T10
UVA RESISTANCE (1000 H), (GLOSS RETENTION)	> 30% (White)	ECCA - T10
HUMIDITY RESISTANCE 1000 H	PASS	ASTM D2247
ABRASION RESISTANCE (WHITE COLORS)	≤ 50 mg	ISO 11998

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

TYPICAL END USES : Exterior Roofing & Interior Ceilings