

## PVDF PRE-PAINTED COIL SPECIFICATIONS.

**PAINT QUALITY** **PVDF KYNAR 500** Premium quality paint. RAL and other colour standards can be supplied.

**PRETREATMENT** Chrome / Chrome Free Pretreatment System.

PAINT COATING	TYPE OF PAINT	PAINT THICKNESS. (Microns.)		
		Solid Colours	Mica/Metallic Colours	Metallic (3 coat.)
PRIMER	POLYURETHANE/ACRYLIC/PVDF	5 - 7	5 - 7	5 - 7
BASE COAT	PVDF	nil	nil	18 - 20
TOP OR CLEAR COAT	PVDF	20 ± 2	20 ± 2	12 - 15
TOTAL		25 ± 2	25 ± 2	35 - 42
BACK COAT (OPTIONAL)	EPOXY GREY	5 - 7	5 - 7	5 - 7

### PRODUCT PERFORMANCE

TEST PROPERTY	SPECS	TEST RESULTS	TEST METHODS
COLOR MATCHING (WHITE COLORS)	$\Delta E \leq 1.2$	$\Delta E \leq 1.0$	ECCA - T3
GLOSS AT 60 °	30 - 40	30 - 40	ECCA - T2
T BEND	1 T	1 T	ECCA - T7
IMPACT	32 kg/cm	PASS	ECCA - T5
CROSS HATCH	100%	PASS	ISO 2409
PENCIL HARDNESS	F - HB	PASS	ECCA - T4
CUPPING	6 mm	6 mm	ECCA - T6
MEK RESISTANCE	100 DBR	PASS	ECCA - T11
5% HCL ACID & 5% NaOH ALKALI TEST	24HRS	PASS	AAMA620
UVA RESISTANCE (2000 H)	$\Delta E \leq 1.0$ (White)	GOOD	ECCA - T10
UVA RESISTANCE (2000 H), (GLOSS RETENTION)	> 90% (White)	GOOD	ECCA - T10
HUMIDITY RESISTANCE	1000 HRS	PASS	ASTM D2247
ABRASION RESISTANCE	$\leq 50$ mg (White)	PASS	ISO 11998
SALT SPRAY TEST	2000 HRS	PASS	ECCA - T8

The above results are under standard test conditions and performed as per ECCA test methods and EN1396 Norms..

**TYPICAL END USES : Excellent For Exterior Building Products**