



Edge Restraint Epoxy Coating Service of PowerCron® 590-534

Epoxy coating available for all edging and inspection chamber composites. Please contact us for pricing.

AVAILABLE COLORS:

White



Blue



Yellow



Almond



Gray



Black



APPLICATION DATA

BAKE 20 Minutes at 375° (191°C) metal temperature

VOC 0.3 - 0.5 lbs per gallon minus water (as supplied)

HAPs None

HEAVY METALS None

CORROSION RESISTANCE

PROPERTY	TEST METHOD	PERFORMANCE
COLOR	-	Black
FILM THICKNESS	-	0.4 - 1.2 Mils
GLOSS - 60 DEGREE	ASTM D523	65 - 85
PENCIL HARNESS	ASTM D3363	2H Minimum
DIRECT IMPACT	ASTM D2794	120 in-lb Minimum
REVERSE IMPACT	ASTM D2794	100 in-lb Minimum
CROSS-HATCH ADHESION	ASTM D3359	4B - 5B
HUMIDITY	ASTM D1735	1000 Hours Minimum
WATER IMMERSION	ASTM D870	240 Hours Minimum
GRAVELOMETER	GM 9508P	6 Minimum
THROWPOWER	GM 9535P	12 - 15 Inches

CORROSION RESISTANCE

SUBSTRATE / PRETREATMENT	SALT SPRAY* 500 HOURS	SALT SPRAY* 1000 HOURS	20 CYCLE** SCAB
CRS/ZINC PHOS/CHROME	0 mm	0 - 1 mm	1 - 2 mm
CRS/ZINC PHOS/NON-CHROME	0 mm	0 - 1 mm	1 - 2 mm
CRS/ZINC PHOS/DI WATER	0 - 2 mm	1 - 4 mm	1 - 3 mm
CRS/IRON PHOS/CHROME	0 - 1 mm	2 - 4 mm	3 - 5 mm
CRS/IRON PHOS/NON-CHROME	1 - 3 mm	2 - 5 mm	2 - 4 mm
CRS/IRON PHOS/DI WATER	2 - 9 mm	10 - 15 mm	10 - 14 mm
CRS/UNTREATED	5 - 10 mm	14 - 18 mm	13 - 15 mm

Average Total Scribe Creep), * Salt Spray - ASTM B117** Cycle Scab - GM9511R, Cold Rolled Steel Lab Panels Cure 20 Minutes @ 375°F