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Product Data Sheet

General Description

PRODUCT CODE: E5SB20
PRODUCT NAME: BLACK PRIMER
CHEMISTRY: EPOXY
SURFACE FINISH: SMOOTH

Application Recommendation

Surface preparation: All oil and grease, scale and rust, must be removed.
Pretreatment: Iron or Zinc phosphate is recommended for optimum performance.
Cure Schedule: Two Coat process pre-gelling 2-3 min. at 400 Deg. F for use as Primer
Bake to full cure 6'400F or 15'350 F metal temperature
Film thickness: 2-5 mils.
Weatherability: Indoor, general metal application.
Outstanding corrosion resistance as primer for metal or aluminum substrates.
Shelf life is expected to be at least one year from date of shipment when stored in dry conditions at less than 80 Deg. F.(27 Deg. C.)

Typical Performance Characteristics

Specific Gravity	Calculated	1.48
Coverage	Calculated	130 square foot/lb./mil
Particle Size	ASTM D3451	0-10% over 200 Mesh
	Alpine Jet Sieve	40-45% over 400 Mesh
Gloss 60 Degree	ASTM D 523	50-60 units
Impact Resistance	ASTM D 2794	160 in.lbs.Direct/ 160 in.lbs. Reverse
Flexibility	ASTM D 522	Pass 1/8" Mandrel
Pencil Hardness	ASTM D 3363	2H
Adhesion	ASTM D 3359	5B Method B
Salt Spray Resistance	ASTM B 117	3000+ hours
Humidity Resistance	ASTM D 2247	3000+ hours

- Testing performed on Bonderite B1000 panels.

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