



TECHNICAL DATA

E Series - Epoxies

The E series Epoxy powder coatings are designed primarily as primers for use in exterior applications. They have outstanding adhesion and functionality when combined with a UV stable topcoat. The resulting 2-coat system offers outstanding protection.

When used as a primer, the coated part should be partially baked in the oven long enough to allow the epoxy to "gel" and flow into a continuous film. The part is then ready for the topcoat application followed by a secondary full cure for both coatings (typically 10 minutes @ 200C).

Properties

Resin Type	Epoxy	
Finish	Smooth	
Specific Gravity	ASTM D792	1.5 +/- 0.4
Recommended Thickness	SSPC-PA2	2.5 +/- 0.5 mils
Gloss (60°)	ASTM D523	60 - 80%
Impact (Direct/Reverse)	ASTM D2794	≥ 160/160 inch-pounds
Conical Mandrel	ASTM D522	3/16" (5 mm)
Hardness	ASTM D3363	H – 3H
Adhesion	ASTM D3359	5B (100% pass)
Humidity	ASTM D2247	> 2000 Hours @ 3.0 mils
Salt Spray	ASTM B117	> 2000 Hours @ 3.0 mils
Cure Schedule	10 minutes @ 356°F / 180°C	
Over Bake Time	ASTM D2454	100% (after topcoat application)
Maximum Storage Temperature	77°F (25°C)	

All tests, unless noted otherwise, were performed on 24 gauge Bonderite 1000® panels sprayed at 1.8 - 2.2 mils DFT.

Precautions

Visit www.spectrumpowder.com for latest version of this TDS. Refer to specific *Safety Data Sheet* for applicable Health and Safety Precautions.

WARRANTY

Cloverdale Paint Inc. warrants its products to be free from defects in material and workmanship. At its option, Cloverdale Paint Inc. will either replace products not conforming to this warranty or credit the Buyer's account the invoiced amount for the non-conforming products. This is Cloverdale Paint Inc.'s sole obligation and Buyer's exclusive remedy in connection with the products. In no event shall Cloverdale Paint Inc. be liable for special, indirect, consequential or incidental damages. By purchasing this product the Buyer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the Buyer or implied by any applicable law. Any claim under this warranty must be made in writing by the Buyer to Cloverdale Paint Inc. within ten (10) days of discovery of the claimed non-conformance, but in no event later than one (1) year from the delivery date. The Buyer's failure to notify Cloverdale Paint Inc. of such non-conformance as required herein shall bar the Buyer from recovery under this warranty.

END USES / MARKETS

PRIMERS FOR:

- A.C.E
 (Agricultural, Construction and Earth Moving Equipment)
- Electrical Transformers
- General Metal Fabrication
- Lawn and Garden Equipment
- Trailer and Truck Body Builders