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# American Powder Coatings, Inc.

## PRODUCT DATA SHEET

PRODUCT DESCRIPTION: EPOXY  
PRODUCT NUMBER: E5-GY2  
COLOR: LC ZINC RICH PRIMER

### PHYSICAL PROPERTIES

SPECIFIC GRAVITY (ASTM D792):	2.92 ± .05
GLOSS (60 °) (ASTM D523):	50-60
GEL TIME @ 340 °F:	65-75 sec
IMPACT DIRECT (ASTM D2794):	160 inch/pounds- Pass
IMPACT REVERSE (ASTM D2794):	160 inch/pounds- Pass
FILM THICKNESS:	2.0 – 3.0 mils
PENCIL HARDNESS (ASTM D3363):	3H-4H
MEK RESISTANCE (Double-Rubs):	50-Softens & Recovers
SALT SPRAY (ASTM B117):	4,000 hrs*
HUMIDITY (ASTM D2247):	1,000 hrs*
CONICAL MANDREL (ASTM D522):	100% Pass
ADHESION (ASTM D3359):	100% Pass

### (70% ZINC IN FORMULA)

**\*with proper pretreatment and application**

### APPLICATION

METHOD:	Electrostatic Spray
VOLTAGE:	70 KVA
CURE CYCLE:	10 min @ 340 °F:
RECOMMENDED FILM THICKNESS:	2.0 -3.0 mils
SUBSTRATE:	CRS/Bonderite 1000
CALCULATED COVERAGE (@ 1 mil):	66 sq.ft
USE:	Functional/Decorative Coatings

STORAGE CONDITIONS: Store in cool, dry area ( max. 80 °F)

The above information is considered to be accurate based on data received from our raw material suppliers. While this information is believed to be reliable, no warranty is issued for the accuracy of this data or for which American Powder Coatings, Inc. assumes legal liability for results to be obtained from the use thereof.