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Product Data Sheet

General Description

PRODUCT CODE: E5SB20
PRODUCT NAME: BLACK EPOXY 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: 2-3 mils.
Weatherability: Indoor, general metal application.
Advantage: Excellent application efficiency and recoat ability.

Designed for electrostatic application.

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.)

This powder coating do not contain the 10 restricted substances, as defined in the European directive 2015/863/EU (RoHS 3 restriction of Hazardous Substances) 2), Article (4)2, Annex II, to this product, and have determined that any impurities disclosed to us by our suppliers are in amounts less than the maximum concentration values tolerated by weight in homogeneous materials for the restricted hazardous substances under the RoHS 3 CE- marking directive and REAC Restricted Chemical list , Cadmium, Chromium VI, Lead, Mercury, Cadmium, Polybromobiphenyls, Polybrominatedbiphenyls(PBB) under the RoHS 3 compliance effect July, 2019 Do not contain Chemicals listed in California January 03, Proposition 65 list

Typical Performance Characteristics

Specific Gravity	Calculated	1.50
Coverage	Calculated	128 squares 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	55+/-5 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

This Epoxy Powder Coating is developed to meet/exceed compliance set forth in THE EUROPEAN UNION 2002/95/EC on the restriction of the use of certain hazardous substance in electrical and electronic equipment. (RoHS DIRECTIVE. ARTICLE 4.1)

Testing performed on Bonderite B1000 panels.

Important Warranty and Disclaimer: The information contained herein is to the best of our knowledge, true and accurate. All recommendations or suggestions for use are made without guarantee, since the conditions of use are beyond our control. The performance characteristics of these products vary according to product application, operating conditions, and materials applied to. Since these factors can affect results, we recommended that you perform your own test to determine to your satisfaction whether the product is acceptable and is suitable for your particular purpose under your own operating conditions prior to using any product in full scale production. Seller warrants the product to be free from defects in materials and workmanship. Such warranty is exclusive and is in lieu of any other warranty. Nortek Corporation disclaims any liability incurred in connection with the use of our products and information contained herein. No representative of ours has authority to waive or change these provisions, which applies to all product sales.