

Environmental Coatings, Inc.

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ECI-HDB HIGH DIELECTRIC BARRIER COATING

PRODUCT DATA SHEET

Product Description: ECI's HDB-70 is a high tech, state of the art, waterborne one component coating for both interior and exterior surfaces. This coating was designed using the latest technology in polymer science and formulation techniques to exhibit excellent corrosion resistance, extremely high dielectric strength, excellent exterior durability, and superior adhesion properties to metal, wood, cement, concrete, and plastic surfaces. HDB-70 with its ease of application, excellent electrical insulating properties, low VOCs, odor free, water cleanup make it both ecologically safe and ideal for heavy duty electrical environments. Two coats are recommended.

Colors	Silver, Black, Gray, Yellow, White, Red
Dielectric Strength	30,000 Volts/MM
Solids by Volume	45%
Dry Time to Touch	45 Minutes
Dry Time to Handle	90 Minutes
Dry Hard	3-4 Hours
To Recoat	6-8 Hours
Flashpoint	200 F
Film Thickness	6 wet mils per coat
Recommended Coats	2 Coats
Viscosity	60-75 KU
VOC	67 lbs./gal
Shelf Life	3 Years stored at 45-110 F
Clean Up	Water

Application & Surface Preparation: Application is by brush, roller, or spray application. Surface to be painted should be clean, free from oils, grease, dirt and repair all cracks and remove loose paint scale. Temperature should not fall below 50 degrees within 24 hours of application. Apply two coats allowing approximately six hours between applications. Spray applications should be backrolled to assure proper film build and evenness of the film. Dry time is usually 1 to 2 hours depending upon temperature and humidity.

Caution: Keep out of reach of children. Keep enclosed areas well ventilated. Do not inhale vapors.