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## EGuard DCC Cabinet Casing

**EGuard** DCC Cabinet Casing is a unique ultra high solid, low VOC polyurethane coating specifically developed to provide comprehensive corrosion protection for the inner and outer casing of any HVAC & R unit. Formulated with our new DCC Technology, **EGuard** DCC Cabinet Casing cures faster without the need of heat or other catalyst.

**EGuard** DCC Cabinet Casing cures faster, offering excellent protection against abrasion, moisture, corrosive fumes and chemical contacts in all types of environments conditions. **EGuard** DCC Cabinet Casing resists microbial growth and contamination by blocking dirt and dust adhesion. Micro-organisms such as fungi, mildew, stain causing bacteria, and algae can add to the corrosion process and cause unwanted odors.

**EGuard** DCC Anti-Corrosion coatings can be applied before assembly of the unit, before or during installation or even years after installation.

### FEATURES & BENEFITS

- Ultra High Solid
- Fast Curing with No Out Gassing
- Graffiti Resistant
- Excellent Adhesion to most finishes
- Excellent UV Protection
- Chrome and Lead Free - Environmentally Friendly

### PERFORMANCES

<b>Gloss:</b>	Semi Gloss
<b>Color:</b>	Standard Colors
<b>Volume Solids:</b>	63%
<b>VOC:</b>	2.91 lbs/gal - 348 g/l
<b>Density:</b>	11.66lbs/gal - 1.4 kg/l - (at 68°F / 20°C)
<b>Dry film thickness:</b>	2.4 - 4.8 mils (60 - 120 µm)
<b>Theoretical coverage:</b>	428 sq.ft/US gallon at 2.4 mil DFT 10.5 sq.m./l at 60 µm DFT
<b>Heat resistance:</b>	Maximum 248°F / 120°C (dry load)
<b>Drying Times:</b>	Dust free after 1 hour (at 68°F / 20°C) To Handle after 8 hours (at 68°F / 20°C)
<b>Mix Ratio:</b>	3:1 by volume



# EGUARD DCC Cabinet Casing PRODUCT DATA SHEET



## WORK PROCESS

- Mixing Instructions:** Mix EGuard DCC Cabinet Casing component A with component B in a volume ratio of 3:1. Mix intensely, preferably using a mechanical mixer.
- Thinning:** If required, a maximum of 10% of EGuard Thinner-PU 5411 (Low VOC's) can be added. Consult with an EnergyGuard USA representative
- Working Pot Life:** 2 hours at 68°F /20°C

## APPLICATION

The **EGuard** DCC Cabinet Casing coating can be applied with conventional airmix or airless equipment. Start with the surface preparation by degreasing and cleaning the surface area to be coated followed by the application of **EGuard** DCC Cabinet Casing. The use of a primer depends on the material of surface to be coated.

We recommend the use of our **EGuard** DCC Zinc Primer which offers a superior adhesion on any surface. **EGuard** DCC Cabinet Casing can be applied on all types of HVAC & R equipment.

**Note: Two Coats of Cabinet Casing provides and meets the 10,000 Salt Spray hours requirements.**

### **Application Conditions:**

Air temperature needs to be at least 50°F /10°C during the application to ensure proper adhesion and curing. Keep the application area well ventilated during application and drying time in order to reduce solvent evaporation.

The temperature of the surface must be 5°F / 3°C above the dew point. Keep the application area well ventilated during application and drying time in order to reduce any solvent evaporation. Best curing properties will be achieved at Relative Humidity 55% to 80%. Any contact with moisture must be avoided during curing process.

### **Method of Application:**

Preferred method of application is Air Mix or Airless spray equipment. Also see EGuard Operational Manual.



**BEFORE**



**AFTER**



**BEFORE**



**AFTER**

## ENVIRONMENT & HEALTH

Labeling is in accordance with EU directions 67/548/EEG and in accordance with directives on hazardous materials. Before use, obtain, read and then follow the advice given on the Material Safety Data Sheets and the Health and Safety section of Coating Applications Procedures for this product. Take precautions to avoid skin and eye contact (overalls, gloves, goggles, masks, barrier cream etc.) **Do not eat, drink or smoke during application.**

## WARRANTY & DISCLAIMER

The technical data and other printed information furnished are true and accurate to the best of our knowledge. The products are warranted pursuant to acceptance of limited warranty. A copy of which can be obtained from Monopoly BV, which is the exclusive warranty with respect to the sale of this product. The modification of any component or uses not outlined in this bulletin nullifies the warranty unless advance written confirmation is obtained from Monopoly. No other warranties expressed or implied shall apply. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, shall be to supply replacement materials as set forth in the limited warranty.