



# DYC7750

## CHARGE-COAT ELECTROSTATIC EPOXY PRIMER 7750A - 7750B Data Sheet

### CHARACTERISTICS

DYCO Charge-Coat Primer is a two-component epoxy that has very good acid & chemical resistance & very good impact & abrasion resistance. It withstands strong cleaning compounds & does not support mold, mildew, or fungus growth.

### RECOMMENDED USES

- Ferrous Metal Surfaces
- Galvanized Metal Surfaces
- Aluminium Metal Surfaces

### FOR ADDITIONAL INFORMATION

See MSDS or call toll-free 1-800-282-7901.

### TECHNICAL DATA

Vehicle Type ..... Epoxy / Amide  
 Finish/Sheen ..... Semi-Gloss  
 Solids by Weight ..... 69.76%  
 Solids by Volume ..... 52.37%  
 Viscosity ..... 80-81 KU  
 VOC (less exempt solvents) 450 g/L  
 Weight per Gallon ..... 11.35 lbs/gal.

### COVERAGE

240 S.F./Gal @ 8 mils Wet, 4 mils DFT  
(Actual coverage may vary depending on type of substrate, and application method.)

### KEY ATTRIBUTES

Application Temperatures: 50 - 110 °F (10 - 43.33 °C)  
 Application Tools: Electrostatic  
 Dry Times: Recoat - 4-6 Hours  
 (Dry Time Based on 77 °F (25 °C), 50% Relative Humidity)  
 Thinner: Xylene  
 Clean Up: Clean application equipment with DYCO Epoxy-Tite Reducer #R-28.

### PHYSICAL PROPERTIES

STT ..... 1 Hour  
 TF Time ..... 3 Hours  
 Pot Life ..... 2 Hours  
 Flash Point ..... 81 °F (27.2 °C)

### CERTIFICATIONS:

GS-11: VOC Compliant in all Regulated Areas





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## CHARGE-COAT ELECTROSTATIC EPOXY PRIMER 7750A - 7750B Precautions & Application Guide

**PRECAUTION:** Do not freeze. Wear protective clothing, gloves and eyewear during application and cleanup of this product. Do not transport on passenger seats or inside passenger compartment of any vehicle. Store product in cargo area of vehicle, and secure with protective cloths to prevent accidental spill damage. Do not store at temperature above 100 °F (37.77 °C). Do not use in drinking water or food systems.

**RECOMMENDED USES:** Epoxy-Tite can be used as a highly protective topcoat or chemical-resistant primer under other epoxies or two part urethanes.

**MIXING:** DYCO Epoxy-Tite is mixed 4 volumes of Part A to 1 volume of Part B. The mixture must be completely homogenized by good hand steering. After mixing, the product has a pot life of 2 hours, so only mix what you can use in this time frame.

**APPLICATION:** This product can be applied by brush, roll, or spray. For rolling, use a Phenolic core, 1/4" nap, and synthetic lint free cover. Do Not Use medium or long nap roller covers. For brush use a natural bristle brush, spray can be by airless, conventional or HVLP. The product can be reduced by using Xylene Reducer a maximum of 10% by volume without exceeding the federal VOC limits for this type product. Care should be taken to clean up the application equipment used immediately after finished to avoid the product curing in or on the application equipment. Spray guns not properly cleaned after the use of this product may become permanently unusable.

**DRY TIME:** At 77 °F & 50%, RH the Epoxy-Tite is set to touch in 2 hours, Recoat 4-6 hours, hard in 12 hours. Foot traffic is O.K. in 18 hours & fork truck traffic in 72 hours. Lower temperatures result in longer cure time; do not apply at temperatures below 50 °F. High temperatures & humidity will shorten pot life.

**SURFACE PREPARATION:** Apply Epoxy-Tite only on unpainted, unsealed concrete that has cured for at least 30 days & 45 days in well-ventilated enclosed areas. Surface must be clean, dry, & free of paint, grease, dirt, & mildew. Non-porous concrete requires etching. Etch with 1-part muratic acid & 3-parts water. Dampen concrete surface with a fine spray of water. Apply acid solution evenly to the damp surface. Use a stiff bristled broom to agitate the surface of the concrete until the foaming stops. Rinse thoroughly with water. Allow the concrete to completely dry before applying DYCO Epoxy-Tite. When dry, the concrete should feel like 120 grit sandpaper.

**Moisture in Concrete:** Apply a 2"x2' sheet of plastic, (such as a heavy-duty garbage bag or 1 gal plastic storage bag) to an area of the garage floor. Tape down the edges with duct tape & allow to set for 24 hrs. If the water droplets appear on the outside of the plastic or if the concrete appears wet (darker in color), moisture is trapped in the concrete & the floor should not be painted.

**Loose or poorly cure concrete or concrete dust:** If the concrete is loose, chipping, or has concrete dust present, the coating will not perform properly unless all loose material & dust is removed & damaged areas repaired.

### CAUTION!

**CONTAINS PETROLEUM DISTILLATES. HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. USE WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.**

To avoid breathing vapor, spray mist, or sanding dust, open windows and doors or use other means to ensure fresh air during sanding, application, and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave area.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**CALIF. PROP. 65 • CHEMICAL WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Use proper protection and adequate ventilation, when using product.

Material Safety Data Sheet available upon request.



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