



**HIGH BUILD EPOXY COATINGS
E-6009 GRAY
EA-017 ACTIVATOR**

DESCRIPTION: This polyamide-cured epoxy is formulated as a high build coating for steel substrates.

RECOMMENDED USES: Recommended for use on structural steel, tank interiors and exteriors, pipes, concrete floors and concrete block walls. The coating has excellent resistance to a wide range of chemicals.

PRIMERS RECOMMENDED: This product is a primer or an intermediate coat (in a 3-coat system) E-6000 Green Epoxy Primer (in a 3-coat system)

TECHNICAL DATA

THEORETICAL COVERAGE: 942 sq. ft.
per mixed gallon at 1.0 mil dry

RECOMMENDED DRY FILM THICKNESS:
4 - 6 mils dry

VISCOSITY: 70 - 80 Krebs Units (mixed)

FLASH POINT: 79° F.

ENVIRONMENTAL CODES:

V.O.C. 3.06 lb./gal

TEMPERATURE LIMIT(DRY): 250° F.

THINNER: R-1799 (spray application)

R-1499 (brush or roll application, if needed)

SHEEN: Low gloss

WEIGHT/GALLON: 11.39 lb. (mixed)

POT LIFE @ 70° F.: 10 hours

SOLIDS CONTENT: 58% by volume (mixed)
73% by weight

MIXING RATIO: 1 to 1 by volume; 1 part
base to 1 part EA-017 activator

DRYING TIME @ 70° F., 50% R.H.:

To touch: 4 hours

To recoat: 12 hours

Full cure: 7 days

IMPORTANT INFORMATION

APPLICATION TEMPERATURE: Do not apply when the air, surface, or product temperature is below 50° F. (15.5° C.) or at any temperature when the ambient air temperature is within 5° F. (3° C.) of the dew point to prevent moisture from condensing on the surface to be painted or on the freshly painted surface.

MIXING AND THINNING: Thoroughly mix equal parts of the base E-6002 or E-6009 and EA-017 activator. Allow the mixture to stand for 30 minutes before using. The mixed product is usable for 10 hours. No thinning is required for brushing or rolling but if desired, use TCI's R-1499. R-1799 should be used to reduce for spraying.

SURFACE PREPARATION

Paint only clean, dry surfaces. Remove all oil, dirt, mildew or other foreign matter by solvent or detergent washing.

STEEL: Apply to steel blasted according to Steel Structures Paint Council #10 “Near white Metal Blast Cleaning” or better. Blasting shall be done with a centrifugal wheel or compressed air blasting equipment, using proper abrasives to attain an average profile depth of 1.5 mils (38 microns). Do not reuse sand or flint abrasives. Shot abrasives must be thoroughly clean before reuse. Blow dust and grit from surface with clean dry air. Coat within 8 hours or before rust and contamination occurs.

CONCRETE: “Brush Blast Cleaning” (SSPC-SP7-63) can be used to prepare the concrete by removing all foreign matter and providing a tooth for bonding. Acid etching can be an effective alternative depending on the condition of the surface to be coated. Refer to **TCI’s** *Guidelines for Applying Two-Component Urethanes to Concrete Floors*.

HANDLING PRECAUTIONS

WARNING: Flammable!

Keep away from heat or open flame.

Use with adequate ventilation.

Avoid prolonged or repeated contact with skin, and breathing of vapor or spray mist.

Do not take internally.

Close container after each use.

FOR INDUSTRIAL USE ONLY.

These products and any recommended reducers contain solvents and/or other chemical ingredients. Adequate health and safety precautions should be observed during all storage, handling, use and drying periods. For best results and safest usage, user is specifically directed to consult the current “Material Safety Data Sheet” for this product. When using this product in a confined space or closed area, consult the current OSHA or ANSI bulletins on safety requirements.

When applying coatings by spray equipment, observe all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with the manufacturer’s recommendations. If precautions are not taken, spraying of any material can be hazardous. When using or handling spray equipment, hoses and the like, observe all required safety practices. In addition, when spraying paint or coatings, wear a respirator recommended for the product being handled. In all cases wear protective eye equipment. Before using the products listed herein, carefully read each product label and follow directions for its use. Please read and observe all warnings and precautionary information on the product labels.