



Architectural Concrete Chemicals

223 West Hampton Avenue

Capitol Heights, MD 20743

(301) 336-9300 • Fax (301) 336-6597

www.acchemicals.com

ACC Duro-Seal Epoxy Form Coating

PRODUCT DESCRIPTION: Duro-Seal creates a hard, wear resistant coating to the surface of timber, concrete and plywood formwork. Duro-Seal may be used as a self-leveling extremely high performance coating when applied with a 3/16" notched squeegee.

AREA OF APPLICATION: Duro-Seal is a solvent-free epoxy resin, which has excellent bonding and mechanical resistance qualities. It will impregnate deeply into the substrate as long as there are no previous coating residues or contamination.

DIRECTIONS: Duro-Seal is a pre-dosed two-component system. It is packaged as a 4 gallon kit. When ready to use, carefully mix the resin and hardener (part A +B) with the aid of a clean mixing tool or spatula. Do not agitate too strongly as this can incorporate air bubbles. Pour out the mixture onto horizontal surfaces and spread out carefully using a 6 mm 1/4" notched squeegee. A second coat if required should be carried out within 5 – 48 hrs. Sandpapering between coats gives a good inter-coat bond. To reduce the need for a second coat, the plywood or concrete mold can first be coated using Form-Seal to insure proper sealing of the substrate. Pot life of the mixture is 15 minutes at 68° F. and is dependent upon the ambient working conditions. Clean all tools and equipment using solvent before the mixture has hardened. Approximate average coverage rates 125-200 sq. ft. /gal. **Note the pigment may settle and should be reincorporated prior to mixing both components for best results.**

TECHNICAL DATA: Appearance is transparent. 2 component system, Density: Resin 1.15 –1.17, Hardener 1.05-1.07, non-solvented product. After full cure the coating is totally resistant to many chemicals, like detergent, form oils, chemical retarders, mineral spirits, even gasoline. Do not apply the product in temperatures below 41°F ambient working conditions. Elevated temperatures of cure will shorten the hardening times of Duro-Seal, i.e. at 68°F cure times will avg. 4-5 hrs. at 46°F the cure times will be as high as 24 hrs. The fully cured state will be obtained after several days at normal temperatures. Preparation mold cleaning by water jetting or cold- water pressure washing is recommended.

SHELF LIFE AND STORAGE: 1 year from manufacturing date in original closed container. Not sensitive to frost.

PACKAGING: Pre-dosed 2 component A+ B = 16kg or 35.24 pounds.

SAFETY: This product is for use by professionals only. Keep out of the reach of children. Read all material safety data information prior to use. Dangerous and corrosive: causes severe burns when handled improperly. Wear chemical resistant apron and goggles as well as all other impervious gear. Use goggles and face shield. Harmful or fatal if swallowed or inhaled for prolonged periods.

SHIPPING CLASSIFICATION: Resin, Part A: UN3082, Environmentally hazardous substance, liquid, n.o.s. (bisphenol A/F epoxy resin), 9, PG:III. Hardener, Part B: UN2735, Amines, liquid, corrosive, n.o.s. (m-phenylenebis (methylamine), isophoronediamine), 8, PG:II.