



TRUE-BOND

TECHNICAL BULLETIN FOR SEALING, COATING AND SLIP-PROOFING

A 100% Epoxy Hi-Build Finish For Walls, Floors
And Metals To Resist Chemicals, Abrasion And Wear.

DESCRIPTION: TRUE-BOND is a two-part thermosetting epoxy resin formulation with the consistency of a heavy body coating to yield a high build finish on wall and floor surfaces. This tough and versatile finish has been developed as the result of extensive laboratory evaluation and a field history of over 15 years.

TRUE-BOND protects masonry, metal and dry wall against harmful attacks by acids, alkalies, oils, solvents and other deleterious materials.

This product applied by brush, roller or spray, upon curing, forms a tough, impervious, chemically resistant surface over any sound substrate.

TRUE-BOND is adaptable to be applied incorporating fiberglass cloth, chopped fiberglass rovings and non-slip aggregate to interior, exterior and immersion exposures, producing a floor and wall surface that is highly resistive to wear, abrasion and chemicals.

<u>USES:</u>	Food Plants	Dairies	Subway Areas	Garage Areas
	Drug Plants	Plating Areas	Construction Projects	Locker Rooms
	Breweries	Kitchens	Chemical Plants	Laboratories
	Swimming Pool Areas			

and similar places where a sanitary, corrosion resistant surface is required.

ADVANTAGES: Chemical resistance - will resist all food and liquid spillage, chemicals, most acids, oils grease and most solvents. It is waterproof.

Strength and permanence - the impact strength and abrasion resistance are five times greater than concrete.

Beauty - will give a new rich appearance to old surfaces as well as an attractive finish on new installations.

Bonding - will adhere to any sound substrate.

Economical - will outlast all conventional products. No maintenance will be required over years of service.

SURFACE PREPARATION: Floors and Concrete - All surfaces must be clean, free of dirt, oil, grease, traces of asphalt, efflorescence and frost free. Paint, loose concrete, mortar drippings, foreign matter and all other surface contaminations shall be removed by wire brushing, grinding or sandblasting. Do not apply on surfaces which have been sealed with a permanent type of form oil, release agent or curing compound. Remove these before application. Surface temperature must be above 60 degrees Fahrenheit and rising.

Scarifying may be accomplished by chipping hammers, scarifiers, steam cleaning, or sandblasting. Oil, grease, dirt, etc. may be removed with a solution of tri-sodium phosphate (TSP), Oakite 24 or any non-filming detergent. Thoroughly flush and rinse.

Acid etching - on new concrete surfaces remove "laitence" and unbonded cement particles by acid etching. Dampen surface with tap water. Dilute muriatic acid (hydrochloric acid) to a 10% solution (always adding the acid to the water). Scrub onto the surface at the rate of 50 sq. ft per gallon. Allow to sit for 20 minutes or when acid "bubbling" stops. Scrub and flush thoroughly with clean water. Repeat flushing adding 2% household ammonia to water for neutralization. Remove water by squeegee, broom or vacuum cleaner. Allow to dry. Note - if the use of muriatic acid is prohibited, check with manufacturer for substitute etching solution.

Wood: Wood surfaces receiving TRUE-BOND must be clean, free of paint or resin. Wood surface should be sanded to remove contamination.

Metal: Metal surfaces to which TRUE-BOND is to be applied should be rigid and free of oil, grease, rust, paint, dirt and scale. To remove scale and rust, sandblast or power wire brush. To degrease, use methylene chloride. Once area is prepared, apply TRUE-BOND immediately on dry surface.

MIXING AND APPLICATION: Mix and proceed only when area is prepared properly and ready for application. Work time for mixed TRUE-BOND is approximately 30 minutes. Slowly add all the contents of PART B into PART A. Mix thoroughly with a paint paddle or slow speed mechanical mixer. To reduce exothermic reaction, pour mixed components in a flat pan. TRUE-BOND may now be applied by brush, roller or spray. Material should be applied quickly and not reworked after it has begun to set.

Apply uniformly with long even strokes of the roller or brush in two applications. If a non-slip finish is desired, broadcast aluminum oxide, carborundum or fine dry sand on first application within 1/2 hour after application. When material is dry sweep off excess non-slip aggregate and apply the finish coat.

COVERAGE: Approximately 300 square feet per kit, depending on porosity of surface and thickness of application.

Mix small quantities only. Pot life at 70°F is 30 minutes.

Keep away from heat and open flame.

USE GOGGLES, PROTECTIVE CLOTHING AND GLOVES.

CLEAN TOOLS with solvent such as methyl ethyl ketone or toluene.

CAUTION: TRUE-BOND CONTAINS AN ALKALINE AMINE. AVOID CONTACT WITH SKIN OR EYES. IN CASE OF CONTACT, WASH SKIN WITH SOAP AND WATER. FLUSH EYES IMMEDIATELY WITH WATER AND SEE A DOCTOR. IF TRUE-BOND IS USED INDOORS, PROVIDE ADEQUATE VENTILATION.

IMPORTANT NOTICE TO PURCHASER: The following is made in lieu of all warranties, express or implied: R.C. Davis Co. Inc. shall not be liable for any injury, loss or damage, direct or consequently arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in conjunction therewith. The foregoing may not be altered except by an agreement signed by officers of R.C. Davis Co. Inc.