



# PRODUCTS, INC.

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Epoxy & fiberglass flooring, seamless fiberglass wall systems, sealers, high performance coating systems,  
and industrial cleaners

## PRODUCT BULLETIN #1050 WATER BASED EPOXY

**DESCRIPTION:** #1050 WATER BASED EPOXY is a 45% epoxy solids, all purpose concrete coating based on the proven 1013 ACE 50 history. It is a two component, free flowing, water miscible, epoxy coating, offering similar wear to solvent based epoxy coatings with NO odor during application. PART A- clear is milky white and PART B is pale yellow. The finished film dries crystal clear. As a primer #1050 may be supplied in a pigmented version over which either higher performance coatings or 100% solids materials may be applied

**USES:** #1050 may be used as a primer for other epoxy or urethane coatings, or as a one product floor sealer system. Good adhesion is achieved over aged epoxy and enamel films, steel, galvanized metal, wood, plaster, glass, and latex paint. #1050 may be used as a primary bond coat over old surfaces where moisture or humidity are factors, or over damp concrete. #1050 should be used when NO odor during application is important. Tack free time is 3-5 hours and will vary depending on temperature and humidity. Do not apply when temperatures are below 60F since long cure times will result.

**APPLICATION:** Keep product indoors and do not allow to freeze. Proper surface preparation is essential. Steel should be sandblasted to a white metal finish, and concrete should be thoroughly cleaned and dried (brush blasting is recommended for walls acid etching for floors). Stir both parts thoroughly, mix accurately 2 PARTS PART A : 1 PART PART B BY VOLUME and let induct 30 minutes. Apply with brush, roller or spray at a rate of 300-400 sqft./gal (for each coat) depending on the mil thickness desired. Several coats may be needed to fill a concrete surface if it is old or damaged. Recoat time at 70F is 4-6 hours and recoating should be completed within 24 hours. Limited traffic may be allowed after 24 hours and full traffic after 48 hours. Full hardness develops after 7 days and surface should be protected or top coated during this time. Thinning for spraying may be with water up to 25%. Sherman Williams CCE colorants may be used if color is desired suggested starting amount : 10% by volume.

### SPECIFICATIONS:

Pot Life -	2 Hrs	Solids - clear	45%
Dry To Recoat	4-6 Hrs	Solids- pigmented	~65%
Hardness -	2H	Voc/liter clear	NONE
Limited Use -	24 Hrs	Film Color -	Gardner 1-2
Full Use -	48 Hrs	Gloss -	Excellent
Min Application Temperature -	50F	Chemical Resistance -	Good
Tabor abrasion	91 mglost	adhesion	930psi ( concrete broke)

NOTE: TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER C.D. PRODUCTS INC. ASSUMES NO LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN. THE FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSE OF THE USER. ALL MATERIALS MAY PRESENT UNKNOWN HEALTH HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTY THAT THESE ARE THE ONLY HAZARDS WHICH EXIST.