



Rapid Set[®] TRU[™] Epoxy Primer TXP

- Ensures strong adhesion between substrate and topping
- Seals porous concrete to prevent pinholes
- Can be used on moist substrates or 5 day old “Green” concrete
- Moisture insensitive / alkali insensitive
- One coat application

Manufacturer:

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Description:

Rapid Set[®] TRU[™] Epoxy Primer TXP is a high performance, two-component, low VOC, moisture and alkali insensitive interior/exterior epoxy primer designed for use with the Rapid Set[®] TRU[™] finished flooring applications. TXP is recommended for all wear topping and decorative system installations. Always comply with subsequent manufacturer’s testing and installation requirements when their products are used in conjunction with TRU[™] Self Leveling as part of an installed floor system.

Technical Data:

COMPONENTS	Resin/Hardener	
COLOR	Off-White	
MIXED VISCOSITY, cP or mPa.s	830	ASTM D 2196
WORKING TIME, min	60	
TACK-FREE TIME, hrs	6-10	
INITIAL CURE or FOOT TRAFFIC, hrs	12-24	
COVERAGE, @ 12 mil, ft ² /gal	133	
APPLICATION CONDITIONS		
IDEAL TEMPERATURE, F (°C)	60-75 (16-24)	
ACCEPTABLE TEMPERATURE, F (°C)	50-85 (10-30)	

TYPICAL CHARACTERISTICS		
HARDNESS, Shore D	84	ASTM D 2240
ADHESION TO CONCRETE, psi	> 500 (100% failure in concrete)	
COMPRESSIVE STRENGTH, psi	11,900	ASTM D 695
FLEXURAL STRENGTH, psi	5,800	ASTM D 790

Surface Preparation:

The substrate must be clean, sound, have an absorptive surface and be free of oil, curing compound and all other bond-breakers. Mechanically prepare the surface by shot-blasting and/or diamond grinding to achieve ICRI Concrete Surface Profile (CSP) 3. Chemical etching is not permitted. Upon completion of the shot blasting and grinding the concrete slab must be cleaned. Remove all shot, dust, dirt and debris. Rinse all surfaces to be coated with the TXP with clean water via auto scrubber or similar means leaving no standing water.

Mix:

Mix the pail marked TXP PART A for 1 - 2 minutes with a slow speed mixer and a jiffy blade. Add the entire jug of TXP PART B to the entire pail of PART A and mix for an additional 3 minutes. Mix at slow speed (less than 500 rpm) to avoid air entrapment. Ensure that the material from the sides and bottom of the pail have been thoroughly mixed in. Do not mix more material than what will be immediately applied.

Installation:

Apply the mixed material in a one coat application using a notched squeegee and a 3/8" or 1/2" inch nap roller. Pour the entire mixed TXP kit onto the surface; spread the TXP with the notched squeegee to the appropriate coverage rate of 400 SF per kit. Back-roll the TXP perpendicular to the notched squeegee application to achieve a uniform film thickness of 12 mils. Use a paint brush for hard to reach areas. Immediately broadcast with clean, dry silica sand (20/30 in mesh size) to rejection (50 – 75 lb/100ft²). Remove all loose sand after a curing period of 12 - 24 hours. Areas that are not seeded to rejection with dry sand on the surface after clean-up, such areas must be abraded, re-primed (without water), re-broadcast and cured prior to proceeding.

The product can be applied to a dry substrate, but a damp surface (no standing water) generally results in easier application. If outgassing is present during placement, work the material into the pores of the concrete using a long handled scrub brush after squeegee application then back-roll to achieve a uniform thickness. Always install TXP and TRU Self-Leveling between 50-85 °F (maintain ambient conditions for at least 72 hours after system placement). Consult CTS CEMENT Technical Department prior to product installation when additional information is required or project conditions are not in compliance with specifications and/or installation requirements.

TXP has a working time of approximately 60 minutes at 70 °F. Lower temperatures will extend the working time and higher temperatures will shorten it.

Moving Joints & Cracks

TXP Primer should not be used in expansion joints, isolation joints, construction joints or any moving cracks. All moving joints must be honored through the finished floor and filled with an appropriate joint sealant or filler. Dormant cracks may be filled neat with the TXP epoxy. For larger dormant cracks, brush the TXP neat into the crack, then mix TXP with fine sand at a ratio of 1.5 parts sand to 1 part TXP, by volume and trowel mixture into the crack. Once cracks have been filled, continue with the application coat of the TXP and subsequent system installation in accordance with product requirements.

Other Substrates

Can be used on properly prepared epoxy coatings, steel, ceramic tile, quarry tile and Terrazzo. Consult CTS CEMENT Technical Department for installation requirements.

Clean-up

TXP, before it has hardened, can be removed from tools with mineral spirits.

Yield & Packaging

TXP is available in 3-gallon kits. Coverage is 400 square feet @ 12 mils thickness. Coverage rates are approximate and may vary due to the porosity and surface profile of the concrete substrate.

Caution:

Avoid breathing of vapors. Forced local exhaust is recommended to effectively minimize exposure. NIOSH approved, organic vapor respirators and forced exhaust are recommended in confined areas, or when conditions (such as heated polymer, sanding) may cause high vapor concentrations. Do not weld on, burn or torch any epoxy material. Hazardous vapor is released when an epoxy is burned. Avoid skin or eye contact. Wash skin with soap and water if contact occurs. If eye contact occurs flush with water for 15 minutes and obtain medical attention. Read and understand all cautions on can labels and material safety data sheets before using this material.

Limited Warranty:

CTS Cement Manufacturing Corporation warrants its materials to be of good quality and, at its sole option, within one year of sale, will replace defective materials or refund the purchase price thereof and such replacement or refund shall be the limit of CTS's responsibility. Except for the foregoing, all warranties, express or implied including merchantability and fitness for a particular purpose are excluded. CTS shall not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of the material.

BEFORE USING THIS PRODUCT, READ THE MSDS AND TECHNICAL GUIDELINES AT
WWW.CTSCEMENT.COM.