



TXP™

TRU® Epoxy Primer

Two Component, Moisture and Alkali Insensitive Epoxy Primer



Highlights:

- Interior/exterior, moisture insensitive and alkali insensitive
- Can be used on moist substrates or 5 day old "Green" concrete
- Fast floor installation – Moisture insensitive flooring such as TRU® Self Leveling may be placed in as little as 12 hours.
- High bond strength – ensures strong adhesion between substrate and topping
- Seals porous concrete to prevent pinholes
- One coat application

Rapid Set® TXP™ TRU® Epoxy Primer

DESCRIPTION

Rapid Set® TXP™ (TRU® Epoxy Primer) is a high performance, two-component, low VOC, moisture and alkali insensitive interior/exterior epoxy primer designed for use with the Rapid Set® TRU® Self Leveling finished flooring applications. TXP™ is recommended for most wear topping and decorative system installations. When applied at 12 mils (0.3mm) thickness, the adhesion of TXP™ and TRU® Self Leveling will remain unaffected by Moisture Vapor Transmission (MVT) and alkalinity up to pH of 14. 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.

SURFACE PREPARATION

The substrate must be clean, sound, have an absorptive surface and be free of oil, curing compound, concrete sealers, hardeners and any material that may inhibit bond. 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.

MIXING

Mix the pail marked TXP™ PART A for 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.

PLACEMENT

Apply the mixed material in a one coat application using a notched squeegee and a 3/8" (9.5mm) or 1/2" (12.7mm) 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 sq. ft. (37 sq. m) per kit. Back-roll the TXP™ perpendicular to the notched squeegee application to achieve a uniform film thickness of 12 mils (0.3mm). Use a paint brush for hard to reach areas. Immediately broadcast with clean, dry silica sand (#20 / #30 mesh) to rejection (50 - 75 lb/100 sq. ft. or 2.4 - 3.6 kg/sq.



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m). 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 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 out-gassing 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 (10 - 30°C). Maintain ambient

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

TXP™ 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.

COVERAGE & PACKAGING

TXP™ is available in 3-gallon kits. Coverage is 400 sq. ft. (37 sq. m) @ 12 mils (0.3mm) thickness. Coverage rates are approximate and may vary due to the porosity and surface profile of the concrete substrate.

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

WARNING

DO NOT BREATHE VAPORS. AVOID CONTACT WITH SKIN AND EYES. Use product in well ventilated areas. 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 labels and material safety data sheets before using this material. **Proposition 65 Warning:** This product contains chemicals known to the State of California to cause cancer and birth defects or reproductive harm.

LIMITED WARRANTY

CTS Cement Manufacturing Corp. (CTS) warrants its materials to be of good quality and, at its option, within one year from date of sale it will replace material proven defective or refund purchase price thereof, and such replacement or refund shall be the limit of CTS's responsibility. Except for the foregoing, all warranties, expressed 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 materials.

MANUFACTURER

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PHYSICAL PROPERTIES <i>All data produced at 70°F (21°C)</i>	
Components	Resin and Hardener
Color	Off-white
Mixed Viscosity (ASTM D2196)	830 cP
Working Time	60 min
Tack-Free time	6 -10 hrs
Initial Cure or Foot Traffic	12 - 24 hrs
Coverage, @ 12 mil	133 sq ft per gallon
Application Conditions	
Ideal Temperature	60-75 °F
Acceptable Temperature	50-85 °F
Typical Characteristics	
Hardness (ASTM D2240)	84 Shore D
Adhesion to Concrete	>500 psi
Compressive Strength (ASTM D695)	11,900 psi
Flexural Strength (ASTM D790)	5,800 psi
VOC Content	55 g/L

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 (21°C). 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.