



PRODUCT DATASHEET

DESCRIPTION: TILT WALL FIXX™ is a polymer-modified, portland cement-based, single-component concrete smoothing compound with self-curing technology (SCT). Mix TILT WALL FIXX with water to produce a workable, easy-to-apply mixture with excellent bonding characteristics. Liquid bonding agent is not required. It has an extended working time to allow for larger mix sizes. Once in place, it sets fast. Trowel apply TILT WALL FIXX to achieve a smooth and uniform finish. After applying, TILT WALL FIXX may be sanded to achieve an ultra-smooth finish.

USES: Use TILT WALL FIXX for cosmetic patching, detailing and smoothing on tilt-up panels, precast, formed work, concrete block, and other concrete and masonry surfaces. Durable in wet environments, it is suitable for both interior and exterior applications. TILT WALL FIXX may be used on vertical, overhead, and non-wearing horizontal surfaces.

APPLICATION: Apply TILT WALL FIXX in thicknesses from skim coat to 1/4" (0.6 cm). For thicker applications, use other appropriate CTS Rapid Set® repair products. Consult your CTS Cement Representative for more information.

SURFACE PREPARATION: Application surface must be clean, sound concrete that is free from any materials that may inhibit bond, such as form release, oil, curing compound, acid, dirt and loose debris. Apply TILT WALL FIXX to a surface that is dry or saturated with no standing water. A test area should be applied to determine suitability in the repair environment.

MIXING: The use of a drill-mounted mixing paddle is recommended. Organize work so that personnel and equipment are in place before mixing. Use clean, potable water. **TILT WALL FIXX may be mixed using 7.5 to 9.5 quarts (7.1 L to 9.0 L) per 50-lb (22.7-kg) bag. Use less water to achieve higher strengths. Do not exceed 9.5 quarts (9.0 L) of water per bag.** Place the desired quantity of mix water into the mixing container. While the mixer is running, add TILT WALL FIXX. Mix for the minimum amount of time required to achieve a lump-free, uniform consistency. Do not retemper.

INSTALLATION: At time of installation, the surface and ambient temperatures must be between 50°F and 90°F (10°C and 32°C). TILT WALL FIXX has a working time of 90 minutes at a temperature of 70°F (21°C). Once in place, use a trowel to shave or cut the excess material to the desired shape. Material can be sanded when dry. Prime and paint in accordance with the paint manufacturer's recommendations.

CURING: TILT WALL FIXX does not require water curing or curing compound under moderate conditions at 70°F (21°C). In dry, windy or hot conditions, mist with water to maintain a continuously wet surface until the product has achieved sufficient strength.

COLD WEATHER: Environmental and material temperatures below 70°F (21°C) may delay setting time and reduce the rate of strength gain. Lower temperatures will have a more pronounced effect. Thinner sections will be more significantly affected. To compensate for cold temperatures, keep application surface and material warm and follow ACI 306 Procedures for Cold Weather Concreting.

OVERVIEW

Highlights:

Easy To Use: Just add water, no bonding agent needed

Pot Life: 90+ minutes

Ultra-Smooth Finish: Grit free and sandable

Excellent Bond: Bonds to concrete, brick, block, plaster and more

Self-Curing Technology (SCT): No water curing needed under moderate conditions

MasterFormat® 2016

03 01 30 Maintenance of Cast-In-Place Concrete

03 01 40 Maintenance of Precast Concrete

03 35 00 Concrete Finishing

Manufacturer:

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WARM WEATHER: Environmental and material temperatures above 70°F (21°C) may speed setting time and reduce open time. Higher temperatures will have a more pronounced effect. To compensate for warm temperatures, keep material cool, use chilled mix water, pre-wet substrate (saturated surface dry), and follow ACI 305 Procedures for Hot Weather Concreting.

YIELD & PACKAGING: TILT WALL FIXX is available in 50-lb (22.7-kg) bags. One 50-lb (22.7-kg) bag of TILT WALL FIXX will yield approximately 136 ft² (12.6 m²) at 1/16" (1.6 mm).

SHELF LIFE: TILT WALL FIXX has a shelf life of 12 months when stored properly in a dry location, protected from moisture, out of direct sunlight, and in an undamaged package.

USER RESPONSIBILITY: Rapid Set® Concrete Pharmacy® products are not recommended to be used with TILT WALL FIXX. Before using CTS products, read current technical data sheets, bulletins, product labels and safety data sheets at www.CTScement.com. It is the user's responsibility to review instructions and warnings for any CTS products prior to use.

WARNING: DO NOT BREATHE DUST. AVOID CONTACT WITH SKIN AND EYES. Use material in well-ventilated areas only. Exposure to cement dust may irritate eyes, nose, throat, and the upper respiratory system/lungs. Silica exposure by inhalation may result in the development of lung injuries and pulmonary diseases, including silicosis and lung cancer. Seek medical treatment if you experience difficulty breathing while using this product. The use of a NIOSH/MSHA-approved respirator (P-, N- or R-95) is recommended to minimize inhalation of cement dust. Eat and drink only in dust-free areas to avoid ingesting cement dust. Skin contact with dry material or wet mixtures may result in bodily injury ranging from moderate irritation and thickening/cracking of skin to severe skin damage from chemical burns. If irritation or burning occurs, seek medical treatment. Protect eyes with goggles or safety glasses with side shields. Cover skin with protective clothing. Use chemical resistant gloves and waterproof boots. In case of skin contact with cement dust, immediately wash off dust with soap and water to avoid skin damage. In case of skin contact with wet cement, wash exposed skin areas with cold running water as soon as possible. In case of eye contact with cement dust, flush immediately and repeatedly with clean water, and consult a physician. If wet cement splashes into eyes, rinse eyes with clean water for at least 15 minutes and go to the hospital for further treatment.

Please refer to the SDS and www.CTScement.com for additional safety information regarding this material.

LIMITED WARRANTY: CTS CEMENT MANUFACTURING CORP. (CTS) warrants its materials to be of good quality and, at its option, will replace or refund the purchase price of any material proven to be defective within one (1) year from date of purchase. The above remedies shall be the limit of CTS' 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.

⚠ WARNING

CANCER and REPRODUCTIVE HARM - www.P65Warnings.ca.gov

TYPICAL PHYSICAL DATA

Direct Pull Adhesion, ASTM C1583

28 days 200 psi (1.4 MPa)

