CustomTech TechPatch – TW Tilt Wall Finishing Compound



1. **Product Name**

   CustomTech TechPatch – TW Tilt Wall Finishing Compound

2. **Product Description**

   NOTE: This product is currently unavailable.

   CUSTOMTECH TechPatch – TW is a rapid-curing, calcium aluminate cement based compound used to fill and finish exterior and interior concrete and masonry vertical surfaces. Use to hide large and small chips, holes and irregularities on tilt-up concrete; casted concrete and other masonry surfaces before painting or sealing.

   Key Features

   - Superior mixing and handling
   - Excellent for tilt wall patch and finishing
   - Featheredge to deep fill
   - Mix with water only
   - Dries quickly 15-60 minutes

   Composition of Product

   CUSTOMTECH TechPatch - TW is a blend of Portland & calcium aluminate cement, inorganic fillers and polymers.

   Packaging

   10 lb. (4.5 kg) Bags

   Environmental Consideration

   Custom® Building Products is committed to environmental responsibility in both products produced and in manufacturing practices. Use of this product may contribute to LEED® certification.

3. **Instructions**

   General Surface Prep

   FOLLOW CURRENT OSHA (Occupational Safety and Health Administration) STANDARDS AND GUIDELINES FOR ALL PRACTICES DURING SURFACE PREPARATION AND PRODUCT APPLICATION. USE IMPERVIOUS GLOVES, such as nitrile, when handling product.

   All surfaces must be structurally sound, clean, dry and free from contaminants that would prevent or inhibit bonding. Do not apply to surfaces that might experience continuous high moisture exposure or standing water.
   Contaminants such as form releases should be mechanically removed before installation. Concrete surfaces must have a tensile strength in excess of 200 psi (1.4 N/mm²).

   Mixing Ratios

   Mix 2.25 - 2.50 qts (2.1 - 2.4 L) clean cool potable water to a 10 lb. (4.5 kg) bag of CUSTOMTECH TechPatch - TW.

   Mixing Procedures

   Slowly add powder to liquid while mixing with a high speed drill (650 RPM or more) and mixing paddle to a lump-free consistency. Mix amounts that can be applied in 10 minutes. Small portions may be mixed manually using a 2:1 volume ratio of powder to liquid.

   Application of Product

   Apply only when temperatures are above 50°F (10°C) following accepted practices for concrete products. Remove dust and debris from area to be patched. Apply patch to the surface using a steel trowel with pressure to completely fill voids or cracks. When required use a damp sponge or float for finishing while curing; sand or apply additional lifts after patch has taken set.

   Curing of Product

   Allow to dry for 15-60 minutes before painting or sealing. Drying time can vary with thickness, surface porosity, temperature and humidity. Do not leave permanently exposed or when rain and/or freezing weather will occur within a 24 hr. timeframe.

   Cleaning of Equipment

   Clean with water before material dries.

   Health Precautions

   This product contains Portland cement. Forms calcium hydroxide when wet. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes and consult a physician. Use with adequate ventilation; do not breathe dust and wear a NIOSH approved respirator, such as N95. This product contains crystalline silica which may cause cancer or delayed lung injury (silicosis). If ingested, do not induce vomiting; call a physician immediately. Follow all current OSHA requirements during installation of this product. Installation must comply with the requirements of all applicable local, state and federal code jurisdictions.

   Conformance to Building Codes

   Installation must comply with the requirements of all applicable local, state and federal code jurisdictions.

4. **Size & Availability**

Location	Item Code	Size	Package
USA	TPTW10T	10 lb. (4.5 kg)	Bag

   Contact the manufacturer or visit custombuildingproducts.com for more information about product cost and availability.

5. **Product Warranty**

   Obtain the applicable LIMITED PRODUCT WARRANTY at www.customtechflooring.com/reference-library/warranties/ or send a written request to Custom Building Products, Inc., Five Concourse Parkway, Atlanta, GA 30328, USA. Manufactured under the authority of Custom Building Products, Inc. © 2020 Quikrete International, Inc

6. **Product Maintenance**

   Properly installed product requires no special maintenance.

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7. Technical Services Information

For technical assistance, contact Custom technical services at 800-272- 8786 or contact us online.

8. Filing System

Additional product information is available from the manufacturer upon request.

Coverage Chart

THICKNESS	APPROXIMATE COVERAGE Min	APPROXIMATE COVERAGE Max
Skimcoat	100 sq. ft (9 sq. m.)	300 sq. ft (27 sq. m.)
1/8" (3 mm)	33.3 sq. ft. (3 sq. m.)	35.9 sq. ft. (3.3 sq. m.)
1/4" (6 mm)	16.6 sq. ft. (1.5 sq. m.)	17.9 sq. ft. (sq. m.)