

The Ultra-Premium Mortar with Muscle

See Reverse for
More Information ▶

TEC® Super Flex™ Ultra-Premium Thin Set Mortar



Some jobs require a mortar with a lot of bonding power. Super Flex™ is a super strong, ultra premium tile mortar that's perfect for porcelain and most glass tile. It delivers superior bond strength that's unrivaled for virtually any tile and substrate combination. With a shear strength of 700 psi for porcelain tile, SuperFlex™ brings the muscle to your tile installation job.

Contact your local sales rep to request a demo. Have a question? Visit TECQuestions.com.

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TEC Installation Systems





Super Flex™ Ultra-Premium Thin Set Mortar

Whether for new construction or renovation, TEC® Super Flex™ Ultra-Premium Thin Set Mortar provides unparalleled bond strength for virtually any tile and substrate combination, including plywood and cementitious surfaces. Ideal for porcelain and most glass tile installations, it exceeds ANSI A118.4E, ANSI A118.11 and A118.15E shear bond specification at 700 psi for porcelain tile and 725 psi for quarry tile. For details about TEC® product or system warranties, contact your sales associate or visit tecspecialty.com.

Features and Benefits



Unparalleled bond strength of 700 psi for porcelain tile over plywood, cementitious surfaces and other substrates



Best for bonding most glass and porcelain tiles



Interior/exterior use
Exceeds ANSI A118.4E, A118.11 and A118.15E specifications

Additional Features and Benefits

- Flexible: absorbs $\frac{1}{16}$ " (1.6 mm) in-plane movement
- Approved for up to 20" (50 cm) o.c. manufactured, I-beam, floor truss systems
- One part—just add water and mix

Suitable Substrates

When properly prepared, suitable substrates include:

- Cured concrete, cured mortar beds, brick and masonry (interior and exterior installations)
- APA Grade Trademarked Exposure 1 Plywood [Underlayment grade or better, two layers, $\frac{1}{8}$ " (28 mm) total minimum thickness for joists 16" (40 cm) o.c., interior floors only]
- Gypsum wallboard (dry interior wall areas only)
- Water resistant gypsum wallboard (i.e.: greenboard, interior walls only, dry to intermittent water exposure only)
- Cementitious backer units (CBU) or glass mat backerboard
- Existing ceramic tile and natural stone, provided existing flooring is well-bonded to an approved substrate
- Vinyl composition tile, asphalt tile, linoleum or non-cushioned vinyl sheetgoods provided such surfaces are single layered, well-bonded to an approved substrate and properly prepared
- Plastic laminate (interior countertops only) provided the counter is structurally sound and level
- Adhesive residue (except tacky or pressure-sensitive adhesive)

Packaging

50 lb. (22.68 kg) moisture-resistant bags

Gray (392)
White (393)

Product #3300383111
Product #3300393111

25 lb. (11.34 kg) moisture-resistant bags

White (393)

Product #3300393011

9.75 lb. Pure Pak® container (4.42 kg)

White (393)

Product #3300395311

*Registered trademark of Exello Corporation

Coverage

Coverage will vary with condition of substrate. Required trowel size will vary with the tile size, type and substrate uniformity. Select the trowel size that will ensure 100% coverage. Figures below are presented only as guidelines.

Trowel Size	Approximate Coverage per		
	50 lbs. (22.68 kg)	25 lbs. (11.34 kg)	9.75 lbs. (4.42 kg)
$\frac{3}{16}$ " x $\frac{5}{32}$ " (4.7 x 4 mm) V-notch trowel	—	—	28-30 sq. ft. (2.6-2.8 m ²)
$\frac{1}{4}$ " x $\frac{1}{4}$ " x $\frac{1}{4}$ " (6 x 6 x 6 mm) square-notched trowel	90-100 sq. ft. (8.4-9.3 m ²)	45-50 sq. ft. (4.2-4.6 m ²)	17-19 sq. ft. (1.6-1.8 m ²)
$\frac{1}{4}$ " x $\frac{3}{8}$ " x $\frac{1}{4}$ " (6 x 9 x 6 mm) square-notch trowel	65-75 sq. ft. (6-7 m ²)	33-38 sq. ft. (3.1-3.5 m ²)	12-14 sq. ft. (1.1-1.3 m ²)

Technical Data

Physical Properties

Description	
Physical State	Dry powder
Color	Available in white and gray
Pot Life	2 to 3 hours
Initial Cure [at 72°F (22°C)]	16 to 24 hours
Final Cure	21 days
Foot Traffic Rating (ASTM C627)	Residential to Extra Heavy Commercial (depending on substrate)
Storage	Store in a cool, dry area away from direct sunlight. Do not store open containers.
Shelf Life	Maximum 1 year from date of manufacture in properly stored, unopened package.

To learn more, visit [TECSpecialty.com](https://tecspecialty.com)



TEC Specialty Products LLC | 1105 South Frontenac Street, Aurora, IL 60504-6451



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Conforms with LEED v4 low emitting interiors.
Compliant with (CDPH) Standard Method v1.2 VOC Emissions.