

# A Lightweight Mortar With Performance Power



## TEC® IsoLight™ 1/8" (3 mm) Crack Isolation Mortar

Handling and applying tile mortar can be tiresome on the body. Formulated with Easy Trowel Technology™, IsoLight is a high-performance mortar that works with you, not against you. This mortar is 40% lighter than traditional mortars without sacrificing coverage. Plus, this smooth, one-step solution protects tile from substrate cracks up to 1/8" (3 mm), which may eliminate the need for a crack isolation mat, so you can save time and energy on the job.

**Contact your local sales rep to request a demo. Have a question? Visit [TECQuestions.com](http://TECQuestions.com).**



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

See Reverse for More Information



# IsoLight™ 1/8" (3 mm) Crack Isolation Mortar

Formulated with Easy Trowel Technology™, TEC® IsoLight Lightweight 1/8" (3 mm) Crack Isolation Mortar exceeds ANSI A118.4TE, A118.11 and A118.15TE specifications, is rated for residential to extra heavy commercial applications, provides superior handling and an extended open time, as compared to regular mortars, improving speed and productivity. Its unique IsoLight "lightweight" formula provides 50 lb. (22.68 kg) of coverage in a 30 lb. (13.6 kg) bag, and is a latex modified mortar that protects tile from up to 1/8" (3 mm) substrate cracking from in-plane horizontal substrate movement. For details about TEC product or system warranties, contact your sales associate or visit [tecspecialty.com](http://tecspecialty.com).



Protects tile from up to 1/8" (3 mm) in-plane substrate cracking



Glass tile / non sag for walls



Exceeds ANSI A118.4TE, A118.11 and A118.15TE specifications

## Features and Benefits

- Interior/Exterior use
- Easy Trowel Technology provides superior handling
- Extended open time
- 50 lb. (22.68 kg) coverage in a 30 lb. (13.6 kg) bag
- Recycled content contributes to LEED® certification
- Zero VOC

## 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, 1 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

30 lb. (13.6 kg) moisture-resistant bags

Gray (358)  
White (359)

Product #15035730  
Product #15035732

## 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 30 lbs. (13.6 kg)
1/4" x 1/4" x 1/4" (6 x 6 x 6 mm) square-notch trowel	80-90 sq. ft. (7.4-8.4 m <sup>2</sup> )
1/4" x 3/8" x 1/4" (6 x 9 x 6 mm) square-notch trowel	55-65 sq. ft. (5.1-6 m <sup>2</sup> )
1/2" x 1/2" x 1/2" (12 x 12 x 12 mm) square-notch trowel	40-50 sq. ft. (3.7-4.6 m <sup>2</sup> )
3/4" (19 mm) rounded-notch trowel	30-40 sq. ft. (2.8-3.7 m <sup>2</sup> )

## Technical Data

### Physical Properties

Description	
Physical State	Dry powder
Color	Available in white and gray
Pot Life	1 1/2 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 cool, dry location. Do not store open containers.
Shelf Life	Maximum 1 year from date of manufacture in properly stored, unopened package.

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



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



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