



Keraflex[®] *Super*

Premium, Extra Smooth, Large-and-Heavy-Tile Mortar with Polymer and High-Transfer Technology™



Keraflex Super

FEATURES AND BENEFITS

- Features outstanding transfer of mortar to the backs of tiles while retaining impressive nonsag/nonslump properties
- Extra smooth, creamy consistency for ease of application
- Water and frost resistance
- Highly resistant to extreme freeze/thaw conditions
- Superior mortar-wetting properties
- Ideal for lippage-control systems applications
- Easy to mix: Blends quickly and easily to a lump-free consistency
- Easy to trowel, with much less effort required; buttery texture
- Polymer-enriched for high performance
- Approved for interior/exterior water immersion applications
- For water features, fountains and pools
- Approved for coats up to 1/2" (12 mm) in embedded thickness

Keraflex Super is part of the “CO₂ Full Offset in the Entire Life Cycle” line of products. CO₂ emissions measured throughout the life cycle of products from the Zero line in 2023, using Life Cycle Assessment (LCA) methodology, verified and certified with EPDs, have been offset through the acquisition of third-party-certified carbon credits in support of renewable energy and forestry protection projects: A commitment to the planet, to people and to biodiversity.

Learn More



SUITABLE SUBSTRATES

- Concrete (cured for at least 28 days)
- Masonry cement block, brick, cement mortar beds, render coats and leveling coats
- Cement backer units (CBUs) – see manufacturer’s installation guidelines
- Gypsum wallboard and plaster – interior walls in dry areas only (priming may be required)
- Plywood underlaments must be a Group 1 exterior-grade plywood CC-plugged or better, conforming to APA classification and U.S. Product Standard PS 1-95 or a “SELECT” or (SEL-TF) CANPLY classified exterior-grade plywood conforming to CSA-0121 standard for Douglas fir for direct-bond (interior, residential and light commercial floors and countertops in dry conditions only).
- Vinyl composition tile (VCT), vinyl and cutback residue (interior installations)
- Existing ceramic and porcelain tile, cement terrazzo, quarry tile and pavers (interior, dry or intermittent exposure to water conditions)
- MAPEI waterproofing, crack-isolation, sound-reduction and uncoupling membranes

Distinguishing Features of *Keraflex Super*

Uses	
Interior walls and floors / Exterior floors	•
Exterior building facades	•
Interior/exterior submerged applications	•
Over in-floor heating systems	•

Application Properties	
Open time*	30 to 50 minutes
Pot life*	4 hours

* Cold temperatures or high humidity may alter these properties.

Industry Standards and Approval	
ISO 13007: Classification C2TESIP1	
ANSI: Exceeds A118.4HET, A118.11 and A118.15HET requirements	

ANSI Specifications	
ANSI A118.11 - shear strength, impervious tile	425 to 550 psi (2.93 to 3.79 MPa)
ANSI A118.15 - shear strength, glazed wall tile	450 to 550 psi (3.10 to 3.79 MPa)
ANSI A118.15 - shear strength, quarry tile to quarry tile	400 to 550 psi (2.76 to 3.79 MPa)
ANSI A118.11 - shear strength, quarry tile to plywood	200 to 275 psi (1.38 to 1.90 MPa)
ANSI A118.15H - mortar for large and heavy tile	Lippage change < 1/64" (0.4 mm)
ANSI A118.15E - extended open time	≥ 72.5 psi (0.5 MPa) at 30 minutes
ANSI A118.15T - sag on vertical surfaces	≤ 0.02" (0.5 mm) at 20 minutes

Protection	
Before grouting walls	8 to 16 hours
Before grouting floors	24 hours
Foot traffic	24 to 48 hours
Heavy traffic	7 days

Approximate Coverage per 44 lbs. (20 kg)	
1/4" x 1/4" x 1/4" (6 x 6 x 6 mm), square-notch	100 to 115 sq. ft. (9.29 to 10.7 m ²)
1/4" x 3/8" x 1/4" (6 x 10 x 6 mm), square-notch	74 to 83 sq. ft. (6.88 to 7.71 m ²)
1/2" x 1/2" x 1/2" (12 x 12 x 12 mm), square-notch	50 to 58 sq. ft. (4.65 to 5.39 m ²)
3/4" x 9/16" x 3/8" (19 x 14 x 10 mm), U-notch	34 to 38 sq. ft. (3.16 to 3.53 m ²)

Build your business with the **WINNING** team

Innovation.
Simplification.
Consolidation.



Designed with High-Transfer Technology™, the **Keraflex**® family covers a majority of jobsite needs, allowing you to consolidate mortars on jobsites and in inventory.

Properties of this extra smooth family of mortars include:

- Amazing transfer of mortar to tile backs while keeping tremendous nonsag/nonslump properties.
- Unbelievable resistance to freeze/thaw conditions (with *Keraflex Super*).
- Incredible adhesion, perfect for installing porcelain as well as large and heavy tiles.
- Lightning-fast mixing and troweling, thanks to an extra creamy consistency.
- Fast-setting, allowing for grouting in as little as 3 to 4 hours (with *Keraflex RS*).

For details on how MAPEI's innovative *Keraflex* technology can help build your business, visit www.mapei.com/us/keraflex-mortars.



Scan for more information.



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1-800-361-9309 (Canada)

Customer Service

1-800-42-MAPEI (1-800-426-2734)

Services in Mexico

0-1-800-MX-MAPEI (0-1-800-696-2734)

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