

Keraflex® Super

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

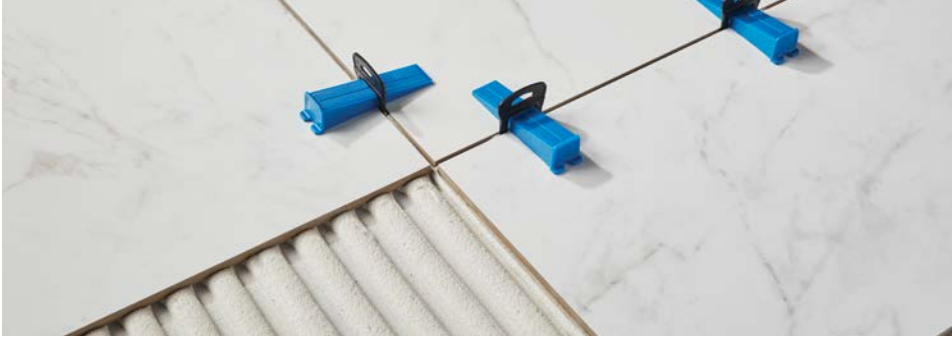
DESCRIPTION

Keraflex Super is a highly versatile, nonsag/nonslump, large-and-heavy-tile mortar and thin-set mortar for tile and stone for installations on floors, walls and countertops. This polymer-modified mortar has a high content of a unique dry polymer, resulting in excellent adhesion to the substrate and tile, with enhanced resistance to freeze/thaw environments. This product features a very low emission of volatile organic compounds and includes an offset of greenhouse gas emissions. It is formulated with Easy Glide Technology™ for ease of application and with a consistency that allows adjustability when used with lippage control systems. *Keraflex Super* can also be used as a mortar over uncoupling, crack-isolation, sound-reduction and waterproofing membranes.

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





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 C2TES1P1
ANSI: Exceeds A118.4HET, A118.11 and A118.15HET requirements

ANSI SPECIFICATIONS

ANSI A118.15 – shear strength, impervious ceramic (porcelain) mosaics	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)

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