Introducing **Keraflex Super**

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

**FEATURES AND BENEFITS**

- Features outstanding transfer of mortar to the backs of tiles while retaining impressive non-sag/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 edge-leveling, nip applications.
- Easy to mix. Products blend 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 thicknesses.

**MAPEI Headquarters of North America**

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Deerfield Beach, Florida 33442

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Technical Services

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1-800-361-9309 (Canada)

Customer Service

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

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PR 54-56

NXT 19-9456

Printed in the USA.
Keraflex Super has landed

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)
• APA Group 1 and CANPLY 0121 exterior-grade plywood (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

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
Past life
4 hours

Industry Standards and Approval

ISO 13007: Classification C7/T8/P1
ANSI: Exceeds A118.4-HTE, A118.11 and A118.4-HTE requirements

ANSI Specifications

ANSI A118.1 - shear strength, impervious tile 425 to 550 psi (2.93 to 3.79 MPa)
ANSI A118.11 - shear strength, glazed wall tile 425 to 550 psi (2.93 to 3.79 MPa)
ANSI A118.15 - shear strength, quarry tile to quarry tile 400 to 525 psi (2.76 to 3.59 MPa)
ANSI A118.11 - shear strength, quarry tile to plywood 260 to 375 psi (1.80 to 2.59 MPa)
ANSI A118.131 - mortars for large and heavy tile
Lippage change < 1/64” (0.4 mm)
ANSI A118.111 - sag on vertical surfaces
≤ 0.03” (0.76 mm) at 20 minutes
ANSI A118.112 - extended open time
≥ 72.5 psi (0.5 MPa) at 30 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)

Square-notch

<table>
<thead>
<tr>
<th>Tile Size</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4” x 1/4” x 1/4” (6 x 6 x 6 mm)</td>
<td>100 to 115 sq. ft. (9.29 to 10.7 m²)</td>
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<td>1/4” x 3/8” x 1/4” (6 x 10 x 6 mm)</td>
<td>74 to 83 sq. ft. (6.88 to 7.71 m²)</td>
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<td>50 to 58 sq. ft. (4.65 to 5.39 m²)</td>
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Distinguishing Features of Keraflex Super

- Open time
30 to 50 minutes
Past life
4 hours

Uses

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FEATURES AND BENEFITS
- Features outstanding transfer of mortar to the backs of tiles while retaining impressive non-sag/non-slump properties
- Extra smooth, creamy consistency for ease of application
- Water and frost resistance
- Highly resistant to freeze/thaw conditions
- Superior mortar-setting properties
- Ideal for edge leveling and applications
- Easy to mix. Products blend quickly and easily to a lump-free consistency
- Easy to trowel. Much less effort required; buttery texture
- Polymer-enriched for high performance
- Approved for inter- and exterior water immersion applications
- For water features, fountains and pools
- Approved for coats up to 1/2” (12 mm) in embedded thicknesses

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Edition Date: December 13, 2019
PR: 9431     MKT: 19-3409    Printed in the USA.
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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

Industry Standards and Approval
• ANSI: Exceeds A118.4HTE, A118.11 and A118.15HTE 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, quarry tile to quarry tile 450 to 550 psi (3.10 to 3.79 MPa)
• ANSI A118.11 - shear strength, quarry tile to plywood 250 to 275 psi (1.72 to 1.90 MPa)
• ANSI A118.15 - mortar for large and heavy tile Lippage change < 1/32” (0.4 mm)
• ANSI A118.15 - sag on vertical surfaces ≤ 0.01” (0.25 mm) at 20 minutes
• ANSI A118.15 - extended open time ≤ 75.5 psi (0.5 MPa) at 30 minutes

Protection
• Before grouting walls: 8 to 12 hours
• Before grouting floors: 24 hours
• Light traffic: 3 days
• Heavy traffic: 7 days

Approximate Coverage per 44 lbs. (20 kg)

L x W x H (in.) (mm) | U-notch coverage | H-notch coverage
---|---|---
8” x 8” x 1/4” (203 x 203 x 6.4) | 300 sq. ft. (27.8 m²) | 150 sq. ft. (13.8 m²)
6” x 6” x 1/4” (152 x 152 x 6.4) | 300 sq. ft. (27.8 m²) | 150 sq. ft. (13.8 m²)
5” x 5” x 1/4” (127 x 127 x 6.4) | 225 sq. ft. (20.9 m²) | 112.5 sq. ft. (10.4 m²)
4” x 4” x 1/4” (102 x 102 x 6.4) | 180 sq. ft. (16.7 m²) | 90 sq. ft. (8.4 m²)
3” x 3” x 1/4” (76 x 76 x 6.4) | 150 sq. ft. (13.8 m²) | 75 sq. ft. (6.9 m²)
2” x 2” x 1/4” (51 x 51 x 6.4) | 120 sq. ft. (11.1 m²) | 60 sq. ft. (5.5 m²)
1” x 1” x 1/4” (25 x 25 x 6.4) | 90 sq. ft. (8.4 m²) | 45 sq. ft. (4.2 m²)
1/2” x 1/2” x 1/2” (12.7 x 12.7 x 12.7) | 65 sq. ft. (6.0 m²) | 32.5 sq. ft. (3.0 m²)
1/4” x 1/4” x 1/4” (6.4 x 6.4 x 6.4) | 35 sq. ft. (3.2 m²) | 17.5 sq. ft. (1.6 m²)
Keraflex Super has landed

SUITE SUBSTRATES
• Concrete (cured for at least 28 days)
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Application Properties
Open time
30 to 50 minutes
Pot life
4 hours

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- ANSI A118.15 - sag on vertical surfaces
  - ≤ 0.02” (0.5 mm) at 20 minutes
- ANSI A118.15 - extended open time
  - ≥ 75 psi (0.5 MPa) at 30 minutes

Protection
Before grouting walls
6 to 12 hours
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24 hours

Foot traffic
24 to 48 hours
Heavy traffic
7 days

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