





Kerabond T / Keralastic System

Premium, flexible large-and-heavy-tile and thin-set mortar

FEATURES AND BENEFITS

- Two-component system for maximum deformability
- · High-performance bond
- · Best for most difficult tiles, substrates and conditions
- For thicker bond coats from 3/32" to 1/2" (2.5 to 12 mm)
- Excellent for large tile and ungauged tile
- · Exceptional bond strength, flexural strength and elongation
- · Excellent freeze/thaw durability
- · Lifetime commercial/residential system warranty

INDUSTRY STANDARDS AND APPROVED USES

- · ISO 13007: Classification C2ES2P2
- · ANSI: Meets or exceeds A118.4HE, A118.11 and A118.15HE requirements
- · Approved for exterior facades
- · Approved for submerged applications
- · Approved for steam rooms



Learn more



Canada 0021623CAN Gray Bag: 50 lbs. (22.7 kg) 0011623CAN White Bag: 50 lbs. (22.7 kg) 0970508 0970519

N/A N/A 0970578 N/A

Jug: 2 U.S. gals. (7.57 L) Pail: 5 U.S. gals. (18.9 L) Drum: 55 U.S. gals. (208 L)

Keraflex Super

Premium, extra smooth, large-and-heavy-tile mortar with polymer CO₂ FULLY OFFSET IN THE ENTIRE LIFE CYCLE

FEATURES AND BENEFITS

- 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. Scan the QR code that is on the back page for more information.
- High-Transfer Technology™ to provide outstanding transfer of mortar to tile backs combined with tenacious bond strength
- Extra smooth, creamy consistency for ease of
- · Easy mixing, handling and troweling properties
- · Highly resistant to extreme freeze/thaw conditions
- · Ideal for lippage control systems applications
- · Non-sag/nonslump formula for large-format and heavy tile/stone in wall and floor applications
- · For bond coats up to 1/2" (12 mm) in embedded thickness
- · Lifetime commercial/residential system warranty

INDUSTRY STANDARDS AND APPROVED USES

- · ISO 13007: Classification C2TES1P1
- · ANSI: Exceeds A118.4HET, A118.11 and A118.15HET requirements
- Approved for interior/exterior water immersion applications, including water features, fountains and pools
- Approved for exterior facades
- · Approved for glass tile



Learn more









ISO ISOU7 CZTESIPI		The state of the s		
	Product Code	Color	Packaging	
U.S.	1200120USA	Gray	Bag: 44 lbs. (20 kg)	
	1200220USA	White	Bag: 44 lbs. (20 kg)	
Canada	1200120	Gray	Bag: 44 lbs. (20 kg)	
	1200220	White	Bag: 44 lbs. (20 kg)	



Ultraflex LFT Rapid

Premium, rapid-setting, large and heavy-tile mortar with polymer

FEATURES AND BENEFITS

- · Polymer-enriched for high performance and deformability
- · Non-sag formula for large and heavy tile and stone in wall applications
- · Nonslump for large and heavy tile and stone in floor applications
- · For thicker bond coats from 3/32" to 1/2" (2.5 to 12 mm)
- · Smooth and creamy consistency makes it easy to apply.
- · Allows grouting in 3 to 4 hours
- · Lifetime commercial/residential system warranty

INDUSTRY STANDARDS AND APPROVED USES

- · ISO 13007: Classification C2TFS1P1
- · ANSI: Meets or exceeds ANSI All 8.4FHT, ANSI A118.11 and ANSI A118.15FHT bond-strength requirements
- · Approved for exterior facades
- · Approved for submerged applications



Learn more







Product Color Packaging

U.S./ Canada

Ultraflex LFT

Premium, large-and-heavy-tile mortar with polymer CO₂ FULLY OFFSET IN THE ENTIRE LIFE CYCLE

FEATURES AND BENEFITS

- · Ultraflex LFT 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. Scan the QR code that is on the back page for more information.
- · Polymer-enriched for high performance and deformability
- · Non-sag formula for large and heavy tile and stone in wall applications
- · Nonslump for large and heavy tile and stone in floor applications
- For thicker bond coats from 3/32" to 1/2" (2.5 to 12 mm) thick
- · Smooth and creamy consistency for easy handling and application
- · Lifetime commercial/residential system warranty

INDUSTRY STANDARDS AND APPROVED USES

- · ISO 13007 classification C2TES1P1
- · ANSI specifications A118.4HET, A118.11 and A118.15HET
- · Approved for exterior facades
- · Approved for submerged applications
- · Exceptional open time
- · Excellent adjustability



Learn more













Product Code U.S.

Color

Canada 2905323CAN Gray Bag: 50 lbs. (22.7 kg) Bag: 50 lbs. (22.7 kg)



Ultraflex RS

Premium, rapid-setting tile mortar with polymer

FEATURES AND BENEFITS

- Polymer-enriched for high performance and deformability
- · High content of unique dry polymer
- · Superior adhesion to substrate and tile
- · Ready to grout in 2 to 3 hours
- · 25-year commercial/residential system warranty

INDUSTRY STANDARDS AND APPROVED USES

- · ISO 13007: Classification C2FS1P1
- ANSI: Exceeds ANSI A118.4F, ANSI A118.11 and ANSI A118.15F requirements for fast-setting mortars



Learn more





	Product Code	Color	Packaging
U.S./ Canada	2903911 2903923	Gray	Bag: 25 lbs. (11.3 kg) Bag: 50 lbs. (22.7 kg)
	2904123	White	Bag: 50 lbs (22.7 kg)

MAPEI Ultralite S2

Premium, highly deformable, lightweight, gauged-tile mortar with polymer

FEATURES AND BENEFITS

- Polymer-enriched for high performance and deformability
- Extended coverage formula for most types and sizes of thin tiles
- · Smooth, creamy consistency with easy-glide troweling
- 25-lb. (11.3-kg) bag provides the same coverage as a 50-lb. (22.7-kg) bag of a standard polymer-modified mortar
- · Superior transfer promotes full coverage for tile panels
- Excellent wet-out characteristics promote bonding
- · Maximum embedded thickness of 3/8" (10 mm)
- Contains recycled material
- $\cdot \, \text{Lifetime commercial/residential system warranty} \\$

INDUSTRY STANDARDS AND APPROVED USES

- ·ISO 13007: Classification C2ES2P2
- ANSI: Exceeds ANSI A118.4HE, A118.11 and A118.15HE
- · SCS Green Squared Certified per ANSI A138.1
- Extended open time, adjustability and pot life
- · Approved for exterior facades
- Approved for steam rooms



Learn more



Requirements for A118.15-compliant mortars

The following tests in italics deal with extreme conditions that are challenging for mortars to meet.

Test	Property	Test Section	Duration	Requirement
1	Open time	5.3.6	20 minutes	75 psi (0.5 MPa) or higher
2	Glazed wall tile shear strength	7.1.2	7 days	450 psi (3.10 MPa) or higher
3	Glazed wall tile shear strength	7.1.3	7 days, water immersion	250 psi (1.72 MPa) or higher
4	Glazed wall tile shear strength	7.1.4	28 days, heat aging	450 psi (3.10 MPa) or higher
5	Porcelain tile shear strength	7.2.2	1 day	100 psi (0.69 MPa) or higher
6	Porcelain tile shear strength	7.2.3	7 days	300 psi (2.07 MPa) or higher
7	Porcelain tile shear strength	7.2.4	7 days, water immersion	200 psi (1.38 MPa) or higher
8	Porcelain tile shear strength	7.2.5	28 days	400 psi (2.76 MPa) or higher
9	Porcelain tile shear strength	7.2.6	28 days, with freeze/thaw cycling	250 psi (1.72 MPa) or higher
10	Porcelain tile shear strength	7.2.7	28 days, heat aging	400 psi (2.76 MPa) or higher
11	Quarry tile shear strength	7.3.2	28 days	150 psi (1.03 MPa) or higher
12	Quarry tile shear strength	7.3.3	28 days, with freeze/thaw cycling	100 psi (0.69 MPa) or higher

MAPEI Ultralite Mortar

Premium, lightweight mortar with polymer for large and heavy tile CO_2 FULLY OFFSET IN THE ENTIRE LIFE CYCLE

FEATURES AND BENEFITS

- MAPEI Ultralite Mortar 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. Scan the QR code that is on the back page for more information.
- Polymer-enriched for high performance and deformability
- · Non-sag formula for large and heavy tile and stone
- Nonslump for large and heavy tile and stone in floor applications
- \cdot For thicker bond coats from 3/32" to 1/2" (2.5 to 12 mm)
- 25-lb. (11.3-kg) bag provides the same coverage as a 50-lb. (22.7-kg) bag of a standard polymer-modified mortar
- · Smooth and creamy consistency
- $\boldsymbol{\cdot}$ Contains more than 20% recycled content
- · Lifetime commercial/residential system warranty
- \cdot Suitable for submerged applications
- · No silica sand added*
- * Does not contain intentionally added crystalline silica. Trace amounts exist in cement and other ingredients, which will be listed on the Safety Data Sheet.

INDUSTRY STANDARDS AND APPROVED USES

- · ISO 13007: Classification C2TES1P1
- ANSI: Exceeds ANSI A118.4HET, ANSI A118.11 and ANSI A118.4HET bond-strength requirements
- · Exceptional open time and pot life
- · Approved for steam rooms
- · Approved for exterior facades
- · Approved for glass tile



Learn more







Additional requirements for A118.15F-, A118.15E- and A118.15T-compliant mortars

Test	Property	Test Section	Duration	Requirement
13	Extended open time (A118.15E)	5.3.6	30 minutes	75 psi (0.5 MPa) or higher
14	Fast-set open time (A118.15F)	5.3.7	10 minutes	75 psi (0.5 MPa) or higher
15	Final set (A118.15F)	5.2	< 4 hours	< 4 hours
16	Porcelain tile shear strength (A118.15F)	7.5.1	4 hours	50 psi (0.34 MPa) or higher
17	Sag (A118.15T)	6.1.5	20 minutes	0.02" (0.5 mm) or less



MAPEI's offering of ANSI A118.15 mortars

MAPEI'S ANSI A118.15 high-performance mortars allow specifiers to call out desired job installation requirements, while protecting contractors from value engineering bidding, providing all the benefits of the characteristics described by the TCNA Handbook.

Granirapid System

Premium, rapid-setting, flexible tile mortar

FEATURES AND BENEFITS

- Two-component system for maximum deformability
- · High-performance bond strengths
- Early mechanical strength development
- · Best for most difficult tiles, substrates and conditions
- · Allows grouting in 3 to 4 hours
- · Superior drying-out characteristics
- · Low residual moisture does not contribute to efflorescence
- · Allows water submersion in 72 hours
- Excellent for large tile and ungauged tile
- · Excellent freeze/thaw durability
- · Lifetime commercial/residential system warranty

INDUSTRY STANDARDS AND APPROVED USES

- · ISO 13007: Classification C2FS2P2
- · ANSI: Meets or exceeds ANSI A118.4F, ANSI A118.11 and ANSI A118.15F bond-strength requirements
- · Approved for exterior facades
- · Approved for submerged applications
- · Approved for steam rooms



Learn more



U.S







	Product Code	Color	Packaging
/	1401408	N/A	Jug: 2 U.S. gals. (7.57 L)
ada	1401419	N/A	Pail: 5 U.S. gals. (18.9 L)
	1401478	N/A	Drum: 55 U.S. gals. (208 L)
	1401223	Gray	Bag: 50 lbs. (22.7 kg)
	1402221	White	Bag: 46 lbs (20.9 kg)

Kerabond/Keralastic System

Premium, flexible tile mortar

FEATURES AND BENEFITS

- Two-component system for maximum deformability
- · Best for most difficult tiles, substrates and
- · Exceptional bond strength, flexural strength and elongation
- · Excellent freeze/thaw durability
- · Lifetime commercial/residential system warranty

INDUSTRY STANDARDS AND APPROVED USES

- · ISO 13007: Classification C2ES2P2
- · ANSI: Meets or exceeds ANSI All 8.4E, ANSI A118.11 and ANSI A118.15E bond-strength requirements
- · Approved for exterior facades
- Approved for submerged applications
- · Approved for steam rooms



Learn more







	Product Code	Color	Packaging
J.S.	0021523 0011523 0970508 0970519 0970578	Gray White N/A N/A N/A	Bag: 50 lbs. (22.7 kg) Bag: 50 lbs. (22.7 kg) Jug: 2 U.S. gals. (7.57 L) Pail: 5 U.S. gals. (18.9 L) Drum: 55 U.S. gals. (208 L)
Canada	0021523CAN	Gray	Bag: 50 lbs. (22,7 kg)

0011523CAN White Bag: 50 lbs. (22.7 kg) Jug: 2 U.S. gals. (7.57 L) Pail: 5 U.S. gals. (18.9 L) 0970508 N/A N/A 0970519 Drum: 55 U.S. gals. (208 L) 0970578



Now you can also choose products with CO₂ emissions fully offset.

Choose sustainability for all your projects, with MAPEI.

 ${\rm CO_2}$ 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 reforestation projects: A commitment to the planet, to people and to biodiversity. For more details on how emissions are calculated and on climate-mitigation projects that are financed through certified carbon credits, scan the QR code.





MAPEI Headquarters of North America

1144 East Newport Center Drive Deerfield Beach, Florida 33442 1-888-US-MAPEI (1-888-876-2734) / (954) 246-8888

Technical Services

1-800-992-6273 (U.S. and Puerto Rico 1-800-361-9309 (Canada)

Customer Service

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

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