

Up against a **large-and-heavy** challenge?

Use the MAPEI mortar designed to be in your corner



Ultraflex™ LHT™

Large-and-Heavy-Tile Mortar with Polymer

- Polymer-enriched for high performance
- Nonsag formula for large-format and heavy tile and stone in wall applications
- Nonslump for large-format and heavy tile and stone in floor applications. For bond coats up to 1/2" (2,5 to 12 mm) in embedded thickness.
- Smooth and creamy consistency makes it easy to apply.
- Approved for use with plywood



Keyword: MAPEI Americas



ADHESIVES • SEALANTS • CHEMICAL PRODUCTS FOR BUILDING



ISO 13007 Classification

Classification Code	Classification Requirement	Test Characteristic
C2 (cementitious, improved adhesive)	≥ 145 psi (1 MPa) after standard aging, heat aging, water immersion and freeze/thaw cycles	Using porcelain tile
T (vertical slip resistance)	≤ 0.019" (0,5 mm)	Using porcelain tile
E (extended open time)	≥ 72.5 psi (0,5 MPa) after 30 minutes	Using glazed ceramic wall tile

ANSI Specification

Test Method	Specification Standard	Test Results
ANSI A118.4 – shear strength, impervious ceramic (porcelain) mosaics	> 200 psi (1,38 MPa) at 28 days	225 to 350 psi (1,55 to 2,41 MPa)
ANSI A118.4 – shear strength, glazed wall tile	> 300 psi (2,07 MPa) at 28 days	400 to 550 psi (2,76 to 3,79 MPa)
ANSI A118.4 – shear strength, quarry tile to quarry tile	> 150 psi (1,03 MPa) at 28 days	300 to 425 psi (2,07 to 2,93 MPa)
ANSI A118.4E – extended open time	≥ 72.5 psi (0,5 MPa) at 30 minutes	Pass
ANSI A118.11 – shear strength, quarry tile to plywood	> 150 psi (1,03 MPa) at 28 days	150 to 175 psi (1,03 to 1,21 MPa)

Shelf Life and Product Characteristics (before mixing)

Shelf life	1 year when stored in original, unopened packaging at 73°F (23°C)
Colors	Gray; white

Application Properties at 73°F (23°C) and 50% relative humidity

Open time*	30 minutes
Pot life*	> 2 hours
Time before grouting (walls)*	8 to 16 hours
Time before grouting (floors)*	24 hours
VOCs (Rule #1168 of California's SCAQMD)	0 g per L
Application temperature range	40°F to 95°F (4°C to 35°C)
Embedded thickness range	3/32" to 1/2" (2,5 to 12 mm)

* Cold temperature or high humidity may alter these properties.

Packaging

Size and Color
50 lbs. (22,7 kg), gray
50 lbs. (22,7 kg), white

