

Brilliance reaffirmed!

Adesilex® P10 RS
**Mosaic &
Glass Tile**

Adesilex® P10
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Glass Tile**

NEW!



Premium, non-sag glass tile mortars

- Designed for glass tile, glass mosaic and natural stone installations
- Non-sag performance
- Easy workability
- NOW available in rapid-setting formulation



— MAPEI USA • MAPEI Caribe —





Adesilex™ P10 Mosaic & Glass Tile

When mixed with water:
ISO 13007 C2TE



When mixed with Keraply®:
ISO 13007 C2TESIP1



ISO 13007 Classification when mixed with water

Classification Code	Classification Requirement
C2 (cementitious, improved adhesion)	≥ 145 psi (1 MPa) after standard aging, heat aging, water immersion and freeze/thaw cycles
T (vertical slip resistance)	≤ 0.019" (0.5 mm)
E (extended open time)	≥ 72.5 psi (0.5 MPa) after 20 to 30 minutes

ISO 13007 Classification when mixed with Keraply

Classification Code	Classification Requirement
C2 (cementitious, improved adhesion)	≥ 145 psi (1 MPa) after standard aging, heat aging, water immersion and freeze/thaw cycles
T (vertical slip resistance)	≤ 0.019" (0.5 mm)
E (extended open time)	≥ 72.5 psi (0.5 MPa) after 20 to 30 minutes
S1 (normal deformation of mortar)	≥ 0.1" (2.5 mm)
P1 (normal adhesion to plywood)	≥ 72.5 psi (0.5 MPa)

ANSI Specification when mixed with water

Test Method	Specification Standard	Test Results
ANSI A118.4E – extended open time	≥ 72.5 psi (0.5 MPa) at 30 minutes	Pass
ANSI A118.4 – shear strength, impervious ceramic (porcelain) mosaics	> 200 psi (1.38 MPa) at 28 days	200 to 280 psi (1.38 to 1.93 MPa)
ANSI A118.4 – shear strength, glazed wall tile	> 300 psi (2.07 MPa) at 28 days	425 to 640 psi (2.93 to 4.41 MPa)
ANSI A118.4 – shear strength, quarry tile to quarry tile	> 150 psi (1.03 MPa) at 28 days	255 to 425 psi (1.76 to 2.93 MPa)
ANSI A118.4T – sag on vertical surfaces	< 0.02" (0.5 mm) at 20 minutes	Pass

ANSI Specification when mixed with Keraply

Test Method	Specification Standard	Test Results
ANSI A118.4E – extended open time	≥ 72.5 psi (0.5 MPa) at 30 minutes	Pass
ANSI A118.4 – shear strength, impervious ceramic (porcelain) mosaics	> 200 psi (1.38 MPa) at 28 days	200 to 400 psi (1.38 to 2.76 MPa)
ANSI A118.4 – shear strength, glazed wall tile	> 300 psi (2.07 MPa) at 28 days	490 to 780 psi (3.38 to 5.38 MPa)
ANSI A118.4 – shear strength, quarry tile to quarry tile	> 150 psi (1.03 MPa) at 28 days	420 to 640 psi (2.90 to 4.41 MPa)
ANSI A118.4T – sag on vertical surfaces	< 0.02" (0.5 mm) at 20 minutes	Pass
ANSI A118.11 – shear strength, quarry tile to plywood	> 150 psi (1.03 MPa) at 28 days	150 to 250 psi (1.03 to 1.72 MPa)

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

Shelf life	1 year
Open time*	20 to 30 minutes
Pot life*	> 2 hours
Time before grouting*	24 to 48 hours
VOCs (Rule #1168 of California's SCAQMD)	0 g per L

* Open time, pot life and time before grouting vary based on jobsite conditions.

Packaging

Size and Color
Bag: 10 lbs. (4.54 kg), bright white
Bag: 43 lbs. (19.5 kg), bright white



Adesilex P10 RS Mosaic & Glass Tile



ISO 13007: Classification C2TF

ISO 13007 Classification

Classification Code	Classification Requirement
C2 (cementitious, improved adhesion)	≥ 145 psi (1 MPa) after standard aging, heat aging, water immersion and freeze/thaw cycles
T (vertical slip resistance)	≤ 0.002" (0.5 mm)
F (fast-setting)	≥ 72.5 psi (0.5 MPa) after 6 hours

ANSI Specifications

Test Method	Specification Standard	Test Results
ANSI A118.4F – shear strength, impervious ceramic (porcelain) mosaics	> 50 psi (0.34 MPa) at 4 hours	Pass
ANSI A118.4 – shear strength, impervious ceramic (porcelain) mosaics	> 200 psi (1.38 MPa) at 28 days	200 to 300 psi (1.38 to 2.07 MPa)
ANSI A118.4 – shear strength, glazed wall tile	> 300 psi (2.07 MPa) at 28 days	300 to 500 psi (2.07 to 3.45 MPa)
ANSI A118.4 – shear strength, quarry tile to quarry tile	> 150 psi (1.03 MPa) at 28 days	255 to 425 psi (1.76 to 2.93 MPa)
ANSI A118.4T – sag on vertical surfaces	< 0.02" (0.5 mm) at 20 minutes	Pass

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

Shelf life	1 year when stored in original, unopened packaging
Open time*	10 to 20 minutes
Pot life*	20 to 30 minutes
Time before grouting*	3 to 4 hours
VOCs (Rule #1168 of California's SCAQMD)	0 g per L

* Open time, pot life and time before grouting vary based on jobsite conditions.

Packaging

Size and Color
Bag: 10 lbs. (4.54 kg), bright white

For details, consult the Technical Data Sheets at www.mapei.com.