



Mapecem[®] Quickpatch



High-Performance
Concrete Patch

DESCRIPTION

Mapecem Quickpatch is a high-performance, fast-setting, cementitious material used for the patching of concrete surfaces. This product features a very low emission of volatile organic compounds and includes an offset of greenhouse gas emissions.

FEATURES AND BENEFITS

- Natural gray to blend with existing concrete
- Ease of placement, with variable water ratios
- *Mapecem Quickpatch* can be applied from 1/16" to 1-1/2" (1.5 mm to 3.8 cm) neat and from 1-1/2" to 3" (3.8 to 7.5 cm) neat in areas no larger than 24 sq. ft. (2.23 m²). Larger areas will require *Mapecem Quickpatch* to be extended.
- *Mapecem Quickpatch* can be primed and covered with a leveler, a cement-based overlay or a tile-setting mortar in as little as 90 minutes, depending on temperatures.
- Moisture-controlling adhesives or moisture mitigation systems can be used over *Mapecem Quickpatch* in as little as 16 hours.
- Floor coverings can be installed in as little as 16 hours after application as long as the existing subfloor meets the requirements of the mortars or adhesives used for installation.

For more information, contact your MAPEI representative or visit www.mapei.us.



CO₂ FULLY OFFSET PRODUCTS

Mapecem Quickpatch is part of the "CO₂ Fully 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. For more details on how emissions are calculated and on climate-mitigation projects that are financed through certified carbon credits, scan the above QR code.



MAPEI USA



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PRODUCT PERFORMANCE PROPERTIES

Laboratory Tests	Results
Compressive strength – ASTM C109 (modified)	
4 hours	> 1,650 psi (11.4 MPa)
24 hours	> 2,700 psi (18.6 MPa)
7 days	> 3,700 psi (25.5 MPa)
28 days	> 4,000 psi (27.6 MPa)
Flexural strength – ASTM C348 (modified)	
28 days	> 1,200 psi (8.28 MPa)
VOC content	0 g per L

SHELF LIFE AND PRODUCT CHARACTERISTICS before mixing

Shelf life	1 year when stored in original, unopened packaging at 73°F (23°C) in a dry area
Physical state	Powder
Color	Natural gray

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

APPLICATION PROPERTIES

Mixing ratio	
For 10 lbs. (4.54 kg) of Mapecem Quickpatch	0.91 to 1 U.S. qt. (0.86 to 0.95 L) of water
For 25 lbs. (11.3 kg) of Mapecem Quickpatch	2.28 to 2.5 U.S. qts. (2.16 to 2.37 L) of water
For 50 lbs. (22.7 kg) of Mapecem Quickpatch	4.56 to 5 U.S. qts. (4.32 to 4.73 L) of water
Application temperature range	45°F to 85°F (7°C to 29°C)
Pot life at 73°F (23°C)	20 minutes
Initial set at 73°F (23°C)	< 40 minutes
Final set at 73°F (23°C)	< 1 hour
Curing time*	16 to 24 hours

* Cooler conditions require longer curing times for the installation before exposure to significant traffic can be permitted. Test all surface treatments on a small sample area, before application, to ensure the desired results.

PACKAGING

Size	
Bag: 10 lbs. (4.54 kg)	
Bag: 25 lbs. (11.3 kg)	
Bag: 50 lbs. (22.7 kg)	

APPROXIMATE COVERAGE**

Amount of Product at 1/4" (6 mm)	Coverage
10 lbs. (4.54 kg)	4 to 5 sq. ft. (0.37 to 0.46 m ²)
25 lbs. (11.3 kg)	10 to 12 sq. ft. (0.93 to 1.11 m ²)
50 lbs. (22.7 kg)	20 to 24 sq. ft. (1.86 to 2.23 m ²)

** Coverage shown at maximum water is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions and application.

