

**PAVEMENTS**

The repair was 7 meters long x 0.25 meters wide with a depth of 5 centimeters. Following the primers curing, 52 liters of Delpatch were mixed and placed in 10 minutes, allowing the return of traffic to the taxiway one hour after installation.

Melbourne Airport: Delpatch™ Trial Installation

You need to keep a busy airport open. The spall repair on your runway can't wait. D.S. Brown provides Delpatch™ Elastomeric Concrete as a solution.

During a visit to Australia, Uriah Carpenter and Tom Lewis of D.S. Brown, in collaboration with Avionics Limited, successfully completed a trial installation of Delpatch Elastomeric Concrete on a taxiway at Melbourne Airport, which handles over 35.1 million passengers per year.

TIMELINE OF EVENTS

- 10 A.M.: Melbourne Airport maintenance team cut and removed the damaged concrete.
- 12:15 P.M.: Primer application completed.
- 12:45 P.M.: Mixing and installation of Delpatch began.
- 12:55 P.M.: Delpatch installation finished.
- 2 P.M.: The area was reopened to traffic.

PRODUCTS USED

Delpatch™ Elastomeric Concrete



Delpatch Elastomeric Concrete is a 2-part polyurethane patching material for repairing or replacing concrete. Proven effective in extreme climates and challenging freeze-thaw environments. Flexible chemistry allows expansion and contraction of surrounding pavement, providing a long-term repair. Ready for traffic in as little as 1 hour.

INSTALLATION

2025

Melbourne Airport, Melbourne, Australia

OWNER

- Melbourne Airport

CONSTRUCTION TEAM

- Avionics Limited

STATS

- 52 liters of Delpatch were mixed and placed in 10 minutes.
- Melbourne is the second busiest airport in Australia recording 35.1 million passenger movements in 2023-24.



Bridge the World with Leading Infrastructure Solutions