



Panel Patch Fire Testing



**4 Hour Fire Accredited
Precast & Insitu Concrete Panel Patch**

PANEL PATCH



YOUR WALLS
OUR PRIDE

Panel Patch is a fine polymer-modified cement based powder specifically formulated for patching over pre-cast joining plates.

The carefully selected ingredients in Panel Patch provide a lightweight, easy to apply mortar. Fill and Finish in one application.



Preparation

Clean all surfaces of oil, grease and other contaminants to ensure a good bonding surface. Cracked or weakened concrete can be removed and the underlying surface cleaned. Remove all rust from panel joining plates for 4hr fire rating, and loose debris before application in order to provide a good key for the Panel Patch mortar.



Mixing

Panel Patch is easily mixed using a suitable drill with spiral blades or by hand when only a small amount is required. Use approximately three litres of water per bag to give a smooth mortar consistency. Always add powder to the water while mixing slowly to avoid lumps. Too much water will make application difficult and will also decrease the final strength.

Prepare only the amount of Panel Patch that can only be used within the set time. Do not attempt to rework partially set Panel Patch mortar.

Application

Apply the mixed Panel Patch 4hr fire rated mortar to the substrate by trowel. Typically a one coat application gives both fill and smooth finish.

Minimum thickness required: 25mm.

Further Information

One bag, when mixed, will make up enough patching compound to cover seven joining-plate recesses of dimensions 200mm x 200mm x 25mm deep.

Available in grey or off-white.

*Fire Rating

Independently tested in accordance with AS1530.4-2005, Panel Patch has been tested to determine its performance in insulating steel joiner plates and angle brackets used for connecting pre-cast concrete wall panels. The results of the testing concluded Panel Patch achieved a four hour fire resistance performance. Tested by Exova Warringtonfire EWFA Report No: 37675500.

Benefits

- One coat application
- Negligible shrinkage
- Easy to apply
- Only water to be added
- Strong adhesion
- Strong setting
- Excellent weatherability

Typical Properties

Set times @20°C

Initial = 180minutes

Final = 300minutes

Compressive strength @ 20°C
After 28 days = 20 MPa

Packaging

8kg net weight in multi-layered paper sacks.

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NSW Office
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www.unitex.com.au