

RESICHEM 574 Fastfill Plug – fast curing polymer modified cement based putty

Resichem 574 Fastfill Plug is a single component fast curing engineering grade, polymer modified, reactive cementitious putty for arresting water seepage and infiltration under pressure through cracks, joints and voids in concrete and masonry.

- Resists 10 bar negative hydrostatic pressure
- Stops live leaks under pressure in concrete substrates
- Fast curing

Typical applications

For applications where structures and process areas cannot be taken out of service for long periods and where pressurised water leaks need to be stopped prior to the application of Resichem 572 Concrete Seal CWC or Resichem 573 Fastfill Screed.

Surface Preparation

1. Mechanically remove any damaged concrete and masonry to ensure the repair is made to a sound surface.
2. Joints and cracks should be square cut or ideally dovetail cut out to a minimum depth/ width of 20mm (3/4").
3. Surface to be treated must be free of any loose material, dust, surface laitance, mould release agent and any other form of contamination.
4. Thoroughly soak the substrate with clean water until fully saturated. Remove excess water.

Mixing

1. Resichem 574 Fastfill Plug should be mixed by hand in a clean plastic container.
2. Ideally no more than 0.5kg (1lb) should be mixed at a time with clean water.
3. Pour 100ml (3.5 US Fl oz) of clean water into the plastic container and add the 0.5kg (1lb) of Resichem 574 Fastfill Plug.
4. Mix using a gloved hand. Always add powder to water, mix until the product is consistent and streak free.

Application

1. Form the mixed material into a ball shape in a gloved hand until slight stiffening occurs.
2. Force the material into the void with the minimum of working.
3. Hold in place for 1-2 minutes.
4. Once the leak has been plugged ensure the surface of the repair area is kept wet for a minimum of 15 minutes.

Cure Times

At 20°C (68°F) the applied materials should be allowed to harden for the times indicated below before being subjected to the conditions indicated. These times will be extended at lower temperatures and reduced at higher temperatures:

Usable Life	2-3 minutes
Minimum overcoat	30 minutes

Pack Sizes

This product is available in the following pack sizes –
8kg unit (17.6lb)

Colour

Dark grey

Over-coating times

Minimum - the material can be over-coated after 30 minutes at 20°C (68°F).
Maximum – Indefinite

Storage Life

2 years if unopened and store in normal dry conditions (15-30°C/ 60-86F°)

Other Technical Documents

Safety Data Sheet - single component material

Health and Safety

Please ensure good practice is observed at all times. Protective gloves, goggles & a disposable coverall must be worn during the mixing and application of this product. Before mixing and applying the material ensure you have read the fully detailed Safety Data Sheet.

Legal Notice:

The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine if the product is suitable for use. Resimac accepts no liability arising out of the use of this information or the product described herein.