

PRODUCT DESCRIPTION

REPCON 6574 QC PLUG is a single component fast curing engineering grade, polymer modified, reactive cementitious putty for arresting water seepage and infiltration under negative hydrostatic pressure through cracks, joints and voids in concrete and masonry.

TYPICAL APPLICATIONS

Suitable for applications where structures and process areas cannot be taken out of service for long periods, and where pressurised water leaks need to be arrested, prior to further sealing and protection with other REPCO systems.

SURFACE PREPARATION

CONCRETE SUBSTRATE

Mechanically remove any damaged concrete and masonry to ensure the repair is made to a sound surface. Joints and cracks should be square cut or ideally dovetail cut out to a minimum depth/ width of 20mm (3/4"). The Surface to be plugged must be free of any loose material, dust, surface laitance, mould release agent and any other form of contamination.

MIXING AND APPLICATION

MIXING

1. Repcon 6574 QC 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 Repcon 6574 QC 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 until the product is stable.
4. Once the leak has been plugged ensure the surface of the repair area is kept wet for a minimum of 15 minutes. Once cured remove excess product.

CURE TIMES

At 20°C (68°F) the applied materials should be allowed to harden for the times indicated below.

| | |
|--------------------------|-------------|
| Usable life | 2-3 minutes |
| Minimum overcoating time | 30 minutes |

OVERCOATING TIMES

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

UNIT SIZES

Product is available in the following pack size –
8kg unit (17.6 lb)

COLOUR

Dark Grey

STORAGE LIFE

The shelf life of the product is typically 5 years if unopened and stored in cool dry conditions (15-30°C/ 60-86°F). Once opened replace the lid firmly and store as above.

TECHNICAL DATA

Please see the REPCHEM 5501 IGCR Product Specification Sheet for detailed technical and performance data.

HEALTH AND SAFETY

Please refer to the product safety data sheet for detailed information on handling, storage, shipping and disposal.

TECHNICAL SUPPORT

Zoom Corrosion Technology offer complete technical support and assistance, from discussing application requirements to training approved local contractors. For further information please contact a REPCO representative or your nearest REPCO authorised dealer.