



# FORMCEM

## Cementitious Systems

### FORMPLUG

#### Wall Tie Sealing Compound

##### Description

**FORMPLUG** is a polymer modified, fibre reinforced, cementitious powder designed specifically for plugging tie holes. When mixed with water it forms a cohesive easy-to-apply shrinkage compensating compound and cures to develop a strongly bonded watertight plug to form an effective seal.

##### Potable Water Suitability

Listed by the Water Bylaws Scheme Cert. No. **0411513**

##### Instructions for Use

###### Preparation of Hole

The concrete surface to which the **FORMPLUG** will be in contact should be sound, free of dirt and any other contaminants and well dampened down to minimise suction. When filling holes formed by through ties plastic pipe remaining in the wall should either be removed or drilled back to approximately 50mm from the concrete face and then plugged with a tie stopper or similar to form a backing for compacting the **FORMPLUG** against.

A depth of 50mm is suitable for water heads of up to 3m. For pressures in excess of this the depth should be increased, typically by 50mm for each additional 2m until complete filling is achieved. Particular care should be taken to ensure a well keyed surface within the tie hole.

##### Mixing

The ideal mix is of a stiff cohesive consistency and this is achieved at approximately 5 to 1 by weight, mixing the powder gradually into the water. To achieve the desired consistency more water will be required in hard water areas than in soft water areas.

##### Application

Using a trowel or similar, place a quantity of **FORMPLUG** into the dampened hole and compact well by means of a steel rod, repeating the operation until the hole is completely filled with well compacted **FORMPLUG**, then trowel to the required finish.

**FORMPLUG** will set in less than 45 minutes (at normal temperatures) so only mix as much as can be placed and finished in 20 minutes.

##### Packaging

Pack sizes of 8 litres, 4 litres and 1 litre nominal yield available.

##### Curing

Due to moisture retention of the polymer no special curing procedure is generally necessary excepting in high ambient temperatures or windy conditions when it is advisable to take precaution to prevent rapid drying of the compound.

##### Storage

Store in cool dry conditions and keep container sealed when not in use. Under such conditions a storage life of twelve months can be expected.

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### Health & Safety

**FORMPLUG** is mildly alkaline. Avoid skin contact and inhalation of powder. Reference should be made to the separate **FORMPLUG** Health and Safety leaflet.

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