



LEMPUG

TIE HOLE FILLER

LEMPUG –Wall Tie Sealing Compound

LEMPUG 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 **LEMPUG** 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 tiestopper or similar to form a backing for compacting the **LEMPUG** 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 **LEMPUG** 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 **LEMPUG**, then trowel to the required finish.

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

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 dry conditions and keep container sealed when not in use. Shelf life when stored correctly is 12 months for pails and 6 months for sacks.

Packaging: 25Kg sacks.

Health and safety

. Refer to separate **LEMPUG** Health and Safety sheet.

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