



THE FENDER BCS GROUP OF COMPANIES

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Supa-Plug

Wall Tie Sealing Compound

Description

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

Potable Water Suitability

Listed by the UK Water Fittings Bylaws Scheme Cert. No. 9111517

Instructions for Use

Preparation of Hole

The concrete surface to which the **Supa-Plug** 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 50 mm from the concrete face and then plugged with a tiestopper or similar to form a backing for compacting the **Supa-Plug** against.

Where high water pressures are expected (in excess of 5m head), drill back to at least 100mm depth and ensure the surface is well roughened before inserting a tiestopper and damping down.

Mixing

The ideal mix is of a stiff cohesive consistency and this is achieved by adding approximately 4 volumes powder to 1 volume water or 8 to 1 by weight, mixing the powder gradually into the water. To achieve the desired consistency less powder will be required in hard water areas than in soft water areas.

To check the consistency is correct, form a golf ball sized piece in the hand. The ball should not crack when rolled in the palm and when gently squeezed should not stick to the hand or expel any water.

Application

Using a trowel or similar, place a quantity of **Supa-Plug** 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 **Supa-Plug**, then trowel to the required finish.

Packaging

Pack sizes of 8 kg and 2 kg 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 precautions to prevent rapid drying of the compound.

Yield

2 Kg of powder mixed with water will yield approximately 1 litre volume of **Supa-Plug**.

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.

Health & Safety

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

Our expertise is fitting all the pieces together

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