

SOLCEM

Solplug

Wall Tie Sealing Compound

DESCRIPTION

Solplug is a pre-blended cementitious wall tie sealing compound. The plastic shrinkage characteristics are low and the set compound affords a high level of resistance to sulphate and other chemical attack when fully cured.

Solplug is a compound consisting of quality assured raw materials and specialist chemical modifiers designed to provide rapid set and anti-washout properties. The compound is chloride free.

- Easily applied, rapid setting compound.
- High level of resistance to sulphate and other chemical attack.
- Anti-washout properties & Chloride free.

Colour	Product Code	Size
Grey	SOLPLUG	8kg

TYPICAL USES

Solplug is designed for plugging tie holes and when filling holes formed by through ties, the plastic pipe remaining in the wall should either be removed or drilled back from the concrete face by approximately 50 mm then plugged with a tie stopper to form a backing for compacting the Solplug against.

FEATURES & BENEFITS

- Polymer modified, fibre reinforced, cementitious powder forms a watertight seal.
- Easy to install and quick setting.

APPLICATION

Mixing and Placing:

Solplug should be mixed using water which complies with BS EN 1008 (as for concrete). Solplug is normally hand mixed at a typical WSR of between 0.18-0.20 although proprietary forms of mixing equipment may be used. Care should be taken with water addition to ensure correct working consistency.

Setting Times:

The typical set time for Solplug when mixed at a water solids ratio of 0.2 is:

Set time < 45 minutes

(Results derived from specimens produced at 0.2 water/solids ratio at 20°C). It is recommended in view of the rapid set time that no more than 5 kg of Solplug be mixed at any one time. For optimum results it is recommended that areas are sound, free of dirt and other contaminants and well dampened down.

STORAGE

Solplug should be stored in cool dry conditions and keep container sealed when not in use.

YIELD

The approximate yield of set compound per tonne of dry powder is 0.63m³. The approximate quantity of dry powder required to produce 1 m³ of set compound is 1.60 tonnes. These figures do not allow for site wastage.

SHELF LIFE

1 year in sealed container.

TECHNICAL DATA

Compressive Strength	Days
6 N/mm ²	1
16 N/mm ²	7
26 N/mm ²	28

HEALTH & SAFETY

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