

# POLY PLUG

## Rapid set plugging cementations mortar

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### DESCRIPTION

**POLY PLUG** is a blend of special cements, graded fillers and chemical additives, which minimizes the risk of thermal cracking. It provides a consistent, easy to apply, rapid setting mortar just by adding water.

### ADVANTAGES

- Rapid setting - stops leaks quickly to prevent costly water loss in concrete tanks or further damage to property in basements.
- Easy to use – needs only water to be added.
- Durable – low porosity of the patch ensure permanence of the repair.
- Chloride free – No risk to steel reinforcement.
- Stable – similar thermal capability as parent concrete.

### USES

**POLY PLUG** is ideal for the following

- Rapid plugging of concrete segments.
- Below ground access chambers, pipes, foundations and mines.

### SPECIFICATIONS

- Color : Grey
- Standards: complies with BS1881 part 4, 1970
- Initial set : 30 Secs at 20°C

### INSTRUCTIONS FOR USE

#### Surface Preparation

Areas to be patched should be cut back to a depth of 15 mm and given a good mechanical Key. **Do not** feather edge.

Surfaces should be brushed clean to remove loose material, dust and laitence. Grease, slime or mould should be removed by steam cleaning or high pressure water jetting. To seal leaks, crack opening must be chased out to approximately 20 mm square.

Always undercut the chase and avoid leaving A V section. Remove all loose material and Debris. All surfaces must be damped down with clean water just prior to application of the **POLY PLUG**.

### MIXING

**POLY PLUG** should be added to water in the proportions:

1 part water to 3 parts Polyplug by volume.

Mix quantity to a stiff consistency in a plastic Bucket, using a gloved hand or trowel.

Due to the rapid set, only use the quantity which can be placed within the prescribed set time.

### APPLICATION

Trowel or hand knead the mixed mortar in place, ensuring maximum contact before the material sets.

If being used to plug a running water leak, the mixed **POLY PLUG** should be held in place until it reaches initial set.

### Yield

Two kg of **POLY PLUG** will yield approximately One lit.

### PACKAGING

**POLY PLUG** is supplied in 25 kg double-layered bags.

### STORAGE

Store under cover away from direct sunlight and protect from extreme temperatures.

### SHELF LIFE

Up to 12 months if stored properly per recommendations above.

### CURING

**POLY CURE R.B.** is recommending for use for all types of repairs immediately after initial set.

## CLEANING

Any remains or spillage can be removed with water.

## HEALTH & SAFETY

As with all construction chemical products, caution should always be exercised. Always use protective clothing such as gloves and goggles, and treat any splashes to the skin or eyes with fresh running water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.



Under technical collaboration with

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