

**Rapid setting water cut-off
cementitious material****About this product**

EASIPLUG is a cement based polymer enhanced compound, specially designed for stopping water running or seeping through concrete or masonry. When mixed with water it forms a rapid-setting putty which is pressed into the cracks or holes or into the surface.

Uses

- Water cut-off in tunnels, sewers, basements, elevator pits, tanks, wells and mines.
- Seal round pipes and other fixtures in concrete and masonry.
- Anchoring bolts, dowels and metal fixtures in wet conditions.
- Ideal material to seal leaks prior to applying waterproof rendering in basement.

Features and benefits

- Easy to use, needing only water to be added
- Sets in 2 - 3 minutes (20°C)
- Will set under water
- Non-toxic and non-metallic
- Excellent adhesion and strength
- Polymer modified - reduced permeability
- Chloride free, it is no risk to steel reinforcement

Mixing

Wear rubber or polythene gloves. Mix in the ratio of 4:1 (powder to water) by volume using measuring cups provided. Mix thoroughly for about 30 seconds and work into a suitable shape for application. Speed is of the essence since the Easiplug is a rapid setting material. In hot conditions (over 35°C) use chilled water. In cold conditions (below 8°C) use warm water.

Applications**Cracks and holes**

1. Cut back around the crack or hole to a minimum of 20mm (depth and width). Undercut or cut back square. Avoid forming a V-shape groove. Brush away all dirt loose particles.
2. Wearing rubber or plastic gloves push the Easiplug firmly into the crack or hole and where necessary hold in place until initial set has taken place 2 - 3 minutes, longer in cold weather. Avoid working, rubbing, trowelling etc, whilst initial set is taking place. On long cracks start at the top and work down.

Joints

1. Remove existing sealant, cut back around the joint to expose sound clean concrete.
2. Fill with Easiplug to cut off the water but leave a minimum 12mm square recess to be filled subsequently with a replacement joint sealant. Where water is leaking over a wide area, the Easiplug can be applied in powder form by sprinkling. This reduces water flow.

General

1. Shave off excess material as soon as initial set has taken place.
2. Keep Easiplug damp for at least 30 minutes after placing.
3. In some applications it is advisable to form a hole or fit a narrow rubber tube at the point of greatest flow. De-water from the hole or tube. Seal up all cracks and areas of seepage with Easiplug then finally plug the hole with Easiplug

Finishing

Easiplug is a water cut-off product and for a permanent repair we recommend an application of damp tolerant epoxy bonder and whilst still tacky apply a 10mm polymer modified cementitious render by using SBR Latex in the sand/cement mix. If a decorative finish is required on the render, use anti-carbonation type coating. For further information, please contact our sales department.

Packaging and supply

Easiplug is available in 5kg pails, yielding approximately 2.5 litres.

Health and safety

Easiplug contains cement which is alkaline and may cause skin irritation. We therefore recommend the use of protective clothing and gloves. Mixing should be carried out in well-ventilated conditions and breathing of dust be avoided. Any powder or liquid contacting the skin should be washed off as soon as possible and any contamination of the eyes should be treated by irrigating with copious amounts of clean water. If irritation persists, obtain immediate medical advice.

Technical service

We can provide technical service at the specification stage and/or during application through our Technical Department or Laboratory. Detail specification or further information can be provided for specific projects or more general works. Site visits and on-site demonstrations can be arranged on request.

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