

Aquaplug

Product Description

Ultra rapid setting plugging mortar

Aquaplug is a ready to use extremely fast-setting cement based mix incorporating chemical modifiers and selected graded aggregates.

Simply mixed with water, the shrinkage compensated mix ensures total fill of the applied area for instant and permanent stemming of water flow.

Typical Uses

Aquaplug is ideal for sealing of basements against groundwater ingress, repair of concrete pipes, sewage systems and foundations. *Aquaplug* is also used to create corner fillets when tanking bunds or water-retaining structures using Polycote *Aquaflex*.

Suitable substrates: Primarily designed for use with concrete, *Aquaplug* will also adhere to brick and block work.

Colour: *Aquaplug* is grey in colour.

Packaging: *Aquaplug* is supplied in 5kg & 10kg units.

Direction For Use

Surface Preparation

Ensure contact surfaces are sound, clean and provide a good mechanical key.

Remove all loose material, plaster and paint.

Oily deposits should be treated with Polycote *Degrease IT* - see relevant data sheet.

Cracks should be cut back to a minimum of 20mm depth and width, undercutting if possible.

If concrete surfaces are dry, dampen with water immediately before application of *Aquaplug* to assist adhesion.

Mixing

Do not mix more than can be applied in 2 minutes.

Mix approximately 4 parts powder by volume to 1 part water.

Consistency of the mix depends on application - semi-wet mix for damp cracks or fillets, put a stiffer mix in when placing against active water.

The water content should be adjusted accordingly.

Mixing should be carried out using a gloved hand.

Application

Place the mixed material in place IMMEDIATELY, pressing firmly into the crack or fillet using a fillet trowel.

When working against water pressure work toward the point of highest pressure and finish with a gloved hand, forcing the material against the pressure and holding there until set. Cut off excess material from face within 2 minutes.

Dampen repair surface after application.

Application Temperature

Aquaplug should be used at temperatures between 5°C and 35°C.

If temperature is 5°C and falling, the mixing water may be warmed to compensate.

Working & Curing Time

The working time of *Aquaplug* is 2 to 5 minutes once mixed at 23°C+, shorter at higher temperatures.

Typically placed mortar will set in 3 minutes and once set will stop running water.

Where heat generation takes place, cool with water for 10 minutes after application.

The product will continue to harden after initial curing has taken place, reaching full strength after approximately one month.

Yield

The yield per 10kg unit of *Aquaplug* is approximately 6 litres of mixed material.

Cleaning

Tools and equipment should be cleaned immediately using clean water.

Hands and skin should be cleaned immediately with Organic Hand Cleaner.

Shelf Life & Storage

When unopened container stored in cool, dry conditions at temperatures between 5°C and 25°C, shelf life will be 5 years. Higher temperatures and humidity may shorten shelf life.

Polycote UK LLP

01234 846400 | uksales@polycote.com | www.polycote.com

Health & Safety

Any Questions

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application.

Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline: **01234 846400**

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.