



AITKEN FREEMAN

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Water Patch Rapid

Fast Setting Plugging Compound

Description

Water Patch Rapid is a rapid setting, cementitious mortar formulated for the for the plugging and sealing of water leaks. Water Patch Rapid can be used for permanent repair of damaged concrete where down time is important

Advantages

- Good Adhesion
- Rapid Setting
- Easy Application
- Durable
- Non Metallic

Application Instructions Typical Properties

Set Times	@ 20°C	
	Initial	45 seconds
	Final	6 hours
Compressive Strength	1 hour	6 MPa
	6 hour	11 MPa
	28 Day	42 MPa

Preparation

All contacted surfaces must be free of oil, grease or other contamination which may inhibit bond. Any cracked or weakened concrete should be removed prior to being repaired to provide a solid foundation. Scabbling or water blasting should be used to remove laitance and provide a mechanical key.

Priming

Predampen the surface with clean water just prior to applying the Water Patch Rapid.

Mixing

Water Patch Rapid is suitable for mixing using a drill and suitable paddle or by hand where only a small quantity is required. Use 1 part water to 3 parts of Water Patch Rapid to achieve a smooth, stiff mortar consistency. Excess water will reduce the final strength and delay the setting time. Always add the powder to the water while mixing to avoid lumps. Do not mix large quantities of product without adequate preparation.

Application

Apply the mixed Water Patch Rapid immediately after mixing using a trowel or gloved hand. When sealing running water leaks, the Water Patch Rapid should be held in place until it reaches initial set

Curing

The application of a curing membrane will reduce premature drying in repairs subject to direct sun or strong winds.

Clean Up

Clean all equipment with water immediately after use. Hardened mortar will be difficult to remove.

Estimating

Packaging

Water Patch Rapid is supplied in 6 kg and 25 kg packs.

Estimating Data

A 6 kg pack of Water Patch Rapid will yield approximately 3 litres of mixed mortar.

Storage

Water Patch Rapid is a cement based product which must be stored in a dry area off the ground.

Precautions

Where temperatures less than 10°C or greater than 35°C are encountered, contact our Technical Staff for specific advice.

Water Patch Rapid is non toxic, but it is alkaline in nature. Any contact with eyes or skin should be washed off with clean water. Protective gloves and clothing should be worn.

Note

Material safety data sheets for these and all Aitken Freeman products are available on request. Read the MSDS and product label carefully before using. All reasonable care is taken in the compilation of this data sheet. All recommendations regarding use are made without guarantee as the conditions of use are beyond the control of the manufacturer.

Allied Products

Aitken Freeman manufactures a broad range of construction products including.

Grouts

Coatings

Admixtures

Adhesives

Sealants

Floor Toppings

Floor Levelling Compounds

Concrete Repair