

# Technical **Data** Sheet

## **RAPID SET MORTAR FOR USE IN ACTIVE WATER ENVIRONMENTS**

### **Description**

Lectroplug contains hydraulic cements, blended and formulated with chemical modifiers, and graded quality aggregates. To produce a ready to use ultra rapid setting plugging mortar, it requires the addition of clean water only.

### **Uses**

Lectroplug provides a seal against active water pressure.

- Seals against water ingress at junctions of floors and walls, construction joints and fractures in concrete.
- Rapid anchoring of fixings.
- As a joint filler for caulking between concrete sections in pipework

### **Advantages**

- Expansive ensuring a water tight seal.
- Rapid set typically 3 minutes.
- Instantly stops running water.
- Does not contain high alumina.
- Excellent bond characteristics.
- Sulphate resistant.

### **Method of Use**

Surface Preparation

Cracks should be cut out to a minimum depth and width of 20mm, preferably undercutting. Do not featheredge.

### **Mixing**

Mix powder with clean water only, preferably in a rubber bowl. For damp cracks and fillets mix should be semi wet. For active water mix to a stiff consistency. For cracks do not mix more than can be placed in 5 minutes, For active water no more than can be placed in 2 minutes. All mixing should be by hand only.

### **Application**

Dampen surface where necessary and force in Lectroplug and finish with a fillet trowel. Where water pressure is highest work towards point of greatest pressure and finish by hand, forcing material against water pressure until set. Cut off excess material from face within 3 minutes. Dampen fillet after application.

# DATA

## Lectroplug

DATE: **March 1995**



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## Technical Data

### Curing

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

### Limitations

The use of warm water is acceptable at 5°C and falling.

### Product Data

<b>Coverage</b>	2142 CM <sup>3</sup> /25kg. 25kg will fill a crack 20 mm x 20 mm x 30 metres.			
<b>Product Data</b>	<i>Water addition</i>	Approx 1 part water to 4 parts Permaplug		
	<i>Initialset</i>	3 minutes.		
	<i>Working time</i>	2.5 minutes at 20°C.		
<b>Test Results</b>	N/mm <sup>2</sup>	1 HR	7 DAYS	28 DAYS
	Compressive strength	14.0	43.5	49.0
<b>Density</b>	2064 kg/M <sup>3</sup>			
<b>Colours</b>	Grey			
<b>Packaging</b>	10 kg. Re-sealable Polypropylene Pail			
<b>Shelf Life</b>	12 months.			
<b>Storage</b>	Store off ground and under cover. Stack no more than four high.			

### Health and Safety

Cementitious based materials can be hazardous to health. Wear protection or masks when mixing dry powder. Use in ventilated area. Wear gloves or use barrier cream if you are allergic to cement based products.

C.O.S.H.H. Regulations should be adhered to where applicable.



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