



# K11 RAPID PLUG

## QUICK SETTING HYDRAULIC CEMENT



ECO FRIENDLY



LOW VOC



RAPID SETTING

### DESCRIPTION

Davco K11 Rapid Plug is a series of ultra-fast setting hydraulic mortars which offer immediate and long-term protection against water leakage. These mortars harden rapidly and increases slightly in volume while setting.

### USES

To plug and stop running water under pressure. Quick setting cement for waterproofing, fast repairs, urgent installations.

### OTHER USES

- To caulk water leakages
- To fill holes and cracks
- To fix hooks and wall plugs
- To seal pipes and drains
- To anchor railings
- To patch spalled areas

### ADVANTAGES

- Ready-to-use quick setting hydraulic cement
- Free of chloride and soda
- High strength with controlled expansion
- Unaffected by corrosion in embedded metals
- Seawater resistant
- Airtight seal

### PRODUCT

Davco Rapid Plug, 1 min

Davco Rapid Plug, 3 mins

### SETTING TIME

30 to 70 seconds

2 to 4 minutes

### TECHNICAL DATA

	1 min	3 min
Compressive Strength ASTM C 109 / C109M : 2011B		
15 mins	9.5	3.7
1 day	25	15.6
28 days	46.7	25.7
Setting Time BS EN 196-3:2005+A1:2008		
Initial Set	1 min	2 mins
Final Set	2 mins	5 mins

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

### GENERAL PATCHING

Cut or chisel out the concrete or masonry surrounding the hole or crack to a minimum depth and width of 20mm. Undercut the crack or hole in the shape of an inverted 'V'. This provides a mechanical bond during the initial set and final cure periods. Flush, blow or vacuum all of the loose particles, dust and other foreign materials from the prepared areas. Thoroughly wet the areas to be patched immediately before installing Davco K11 Rapid Plug. Force Davco K11 Rapid Plug into the crack or hole by hand or with a trowel. Fill Davco K11 Rapid Plug to the full depth of the opening.

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## APPLICATIONS

Wet areas for repair with potable water immediately before application of Davco K11 Rapid

### Patching Active Leaks

Start at the top of the crack or hole, and force the Davco K11 Rapid Plug to the full depth of the prepared area. Apply direct pressure to the new patch until the Davco K11 Rapid Plug has taken a firm set. Using fresh material, continue patching towards the area of the greatest pressure.

### Floor-Wall Fillet

Follow the above methods for the specific conditions encountered. Use a rounded tool to force the Davco K11 Rapid Plug into the joint and construct a 45 degree transitional cove between the floor and wall at the same time.

### Expansion / Contraction Cracks

Use Davco K11 Rapid Plug to stop running water leaks but do not fill crack completely to the surface. Allow approximately 10mm to 15mm depth and fill this remainder with a flexible joint sealant.

### Anchoring

Davco K11 Rapid Plug is mixed with water to a plastic consistency and then used immediately.

## MIXED INSTRUCTIONS

### Water usage

Davco K11 Rapid Plug, 1 min - 0.325 to 1kg  
Davco K11 Rapid Plug, 3 min - 0.325 to 1kg

Pour potable water into a clean mixing container and gradually add the dry Davco K11 Rapid Plug.

Using a trowel, mix rapidly to the consistency of stiff putty with no slump. Mix no more than 30 seconds. When properly mixed, Davco K11 Rapid Plug can be hand formed into a ball. Do not retemper.

## YIELD

1.7 kg of powder produces about 1 litre of mortar.

## PACKAGING

Available in 20kg, 15kg, 4.5kg, 1kg can.

## SHELF LIFE

Shelf life up to 6 months when stored in original sealed container.

## CLEANING

Clean tools and equipment with water before the product sets.

## HEALTH & SAFETY

This product contains cement which may cause dermatitis. Wear protective gloves and goggles when handling the product. In case of eyes and skin contact, flush thoroughly with clean water. Should ill effects occur, seek medical attention immediately. Refer to safety data sheet.

### Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice. Before application, customers and users are requested to check that they have the latest version of this document from our website [www.parexgroup.com.sg](http://www.parexgroup.com.sg)

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