

# Technical Data Sheet

Date of compilation: 04/01/2023

## POT-CEM HIGH STRENGTH RAPID MORTAR

Pot-Cem High Strength Rapid Mortar for high strength repairs and patching

### DESCRIPTION

Arc Pot-Cem High Strength Rapid Mortar is formulated to set hard after 30 minutes and reach 20N/mm<sup>2</sup> after 2 hours. Ideal for rapid high strength repairs to screeds, holes, gaps and cracks in concrete, stone, brick and most masonry surfaces. Ideal for internal and external repairs to steps & window sills, pointing brick & stone, setting posts & sanitary ware, repairs to ponds & pools and the bedding & patching of paths, patios and blocks. Suitable for setting manhole covers, street furniture, fixings and repairing driveways and warehouse floors. For fixing bolts and fixings, fixing handrails, crash barriers and posts and bedding in machinery and safes.



### CHARACTERISTICS

- Sets in 30 minutes
- High Early Strength
- Repairs and fills concrete, stone and brick
- Patch steps & kerbs, beds in machinery & posts

### PRODUCT INFORMATION

<b>Packaging</b>	5kg tub
<b>Appearance/Colour</b>	Powder/Grey
<b>Shelf life</b>	12 months in original unopened container
<b>Storage conditions</b>	Cool dry conditions between 5° and 30°
<b>Working time</b>	10-15 minutes
<b>Setting time</b>	30 minutes
<b>Depth</b>	10 to 75mm in one application
<b>Compressive Strength</b>	20N/mm <sup>2</sup> @ 2hours   60N/mm <sup>2</sup> @ 28days

### SURFACE PREPARATION

Suitable for use in temperatures between 5° and 30°C. Ensure area is clean and free of grease, dust & other contaminants. For critical repairs, the substrate should be mechanically prepared. As the product cannot be featheredged it is best to cut out area to be repaired leaving a square edge and a minimum of 10mm depth. The area should then be thoroughly dampened but free from standing water.

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### APPLICATION METHOD

Add approx. 12% water - 0.6L per 5kg and mix thoroughly.

Only mix the amount which can be used within 10-15 min.

Do not add extra water once the product has begun to stiffen. Apply by gloved hand or trowel and fully compact in layers of up to 75mm. For deeper applications or repairs over larger areas, pre-mix powder with 3-6mm clean stone chippings at a rate of not more than 1:1. Depending on the quality of the chippings, strengths may be reduced.

### CLEANING TOOLS

Clean tools with warm water before Pot-Cem High Strength Rapid Mortar mix dries.

### HEALTH AND SAFETY

Contains Portland Cement

May Serious eye damage, harmful if swallowed, may cause skin irritation, may cause an allergic skin reaction, may cause respiratory irritation.

Please see MSDS for full safety precautions.

### NOTE

The information contained on this technical data sheet is given voluntarily and in good faith. It is to the best of our knowledge true and accurate; however, it may contain information which is inappropriate under certain conditions of use. The company cannot accept responsibility for any loss or damage due to inappropriate use or the possibility of variations of working conditions and of workmanship outside our control.

The user must ensure the product's suitability for the application intended and if in doubt should seek a written technical specification for the product's application from Arc Building Products.

Our guarantee is limited to ensure the quality of our products according to our quality standards.