



THE FENDER BCS GROUP OF COMPANIES

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SUPA-MORTAR PLUS

HIGH EARLY STRENGTH BEDDING MORTAR

Supa-Mortar Plus is a pre-blended, summer grade, general purpose bedding mortar which can be opened to traffic after approximately 90 minutes (@ 20°C).

USES: Bedding in of inspection chamber frames and covers, gully grates, stanchion posts and many other street furniture applications where high early strength is required to enable road closure times and rapid return to service. **Supa-Mortar Plus** is compatible with concrete, brick and stone substrates.

FEATURES AND BENEFITS:

Single component, easy to use.

Fast curing, return to service in 90 minutes @ 20°C.

Contains cements, graded aggregates and special additives.

Can be applied at thicknesses down to 5mm.

TECHNICAL DATA:

All tests carried out at 20°C, with optimum water:powder ratio of 0.14.

Compressive strength (N/mm ²)	11	1 Hour
	21	2 Hours
	23	1 Day
	34	7 Days
	42	28 Days
Flexural strength (N/mm ²)	2.5	1 Hour
	3	2 Hours
	4	1 Day
	7.5	7 Days
	8	28 Days
Yield (/25kg)	13.20 litres	
Yield (/tonne)	0.528 m ³	

Our expertise is fitting all the pieces together

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MIXING

Mix whole bags only with clean water. For optimum results use a forced-action high shear mixer. Alternatively the mortar can be mixed using a slow-speed drill and paddle or mixed by hand. The volume of water required will depend on the consistency required with best results obtained with the addition of 3.5lt of water per 25kg bag. Add the powder gradually to the measured amount of water required and mix until a uniform, homogenous consistency is achieved.

SUBSTRATE PREPARATION

Surfaces should be clean and free from contamination such as laitance, dust, oil, grease etc. The contact surface should be dampened with clean water prior to application of **Supa-Mortar Plus**, but free of standing water.

APPLICATION

Apply the mortar to the prepared surface, working the initial layer well into the substrate to ensure full contact key. **Supa-Mortar Plus** should not be applied in layers less than 5mm thick.

CLEANING

Equipment should be cleaned as soon after application as practicable with clean water. Surplus mortar should be swept away and disposed of in accordance with local and national regulations.

STORAGE AND SHELF LIFE

When stored correctly, in original unopened bags in cool (not below 5°C), dry conditions **Supa-Mortar Plus** has a minimum shelf life of 9 months.

PACK SIZE AND COVERAGE

Supa-Mortar Plus is supplied in nominal 25kg packs, nominal yield 13.2lt (@ 1:4 mix ratio).

QUALITY CONTROL

Supa-Mortar Plus is factory blended, tested and packaged to quality control procedures in accordance with BS EN ISO 9001 Series.

FIRST AID MEASURES

Eye contact: Irrigate immediately with clean water or an eye wash solution for at least 15 minutes.

Skin contact: Wash immediately with clean water followed by soap and water.

Inhalation: Treat symptomatically.

Ingestion: Give water or milk to drink. Do not induce vomiting, treat symptomatically.

HEALTH AND SAFETY

See Material Safety Data Sheet.