



MORTAR PLASTER

MORTAR & PLASTER MIX



AVAILABLE SIZE:
25KG

**YIELD
PER 25kg
BAG**



**VOLUME
0.014m³***



**PLASTER WITH
A 10MM COVER
1.2m²**



**BLOCKS 20 SERIES
390 x 190 x 190 mm
16 - 19**

This table has been calculated on the brick and block sizes as stated and should be used as a guide only.

Dricon® Mortar Plaster is specially designed for solid plastering. It consists of a uniformly blended mixture of graded sands, EcoSure Low Carbon Cement and specialised admixtures for a high level of workability and coverage. Dricon® Mortar Plaster is grey in appearance but can be coloured using selected Dricon® Oxitone® Oxides. It can also be further enhanced by using Dricon® Concrete Treatment.

When used as a mortar and mixed correctly, Dricon® Mortar Plaster will attain a strength of 15MPa and therefore exceeds the requirements of NZS 4210:2001 Masonry Materials and Workmanship. When used as a plaster and mixed as directed, Mortar Plaster is designed to comply with the requirements of a brick and block scratch coat as defined in NZS 4251.1:2007 Solid Plastering. With dilution with lime and additional sand it can be modified for use as a flanking coat.

COMPRESSIVE STRENGTH

15MPa after 28 days.

WATER CONTENT

3.3 - 3.8 litres per bag

EQUIPMENT

Mortar Plaster is designed to be mixed in a concrete mixer or wheelbarrow and applied with a mason's trowel.

JUST ADD WATER

Pour 3.3 to 3.8 litres of water into the mixer then slowly add the bag of Mortar Plaster (water quantities will vary according to seasonal conditions and outside temperature).

MIXING

Allow 5-6 minutes of mixing time to get the correct Mortar Plaster consistency.

TOPPING UP

It may be necessary to add small quantities of water to bring the mix up to its final desired level of workability.

TEST YOUR MIX

To test, scoop Mortar Plaster onto trowel, tap the bottom of trowel on hard surface then turn upside down. The Mortar Plaster should stick to the trowel. The board life of Mortar Plaster under normal weather conditions is on average 30-35 minutes.

SUITABLE PROJECTS

- Solid Plastering
- Brick Laying
- Stone and Rock Walls
- Small Plaster repairs
- Pave Bedding
- Roof Bedding

ADVICE

PLASTERING

For specified work and above all else please follow procedures and details provided in NZS 4251.1:2007 Solid Plastering, as some aspects of the code require additions or alterations to the standard mix. For general DIY use, ensure surface to be plastered is clean, free from loose grit, oil etc. Apply Mortar Plaster to the substrate with a masons trowel and work the mix so as to achieve your desired surface finish, ensuring sufficient pressure is applied. Aim for a thickness of 10-15mm. Leave Mortar Plaster to set (30-60 minutes per coat). If desired, smooth out Mortar Plaster to a plane surface with a screed board or plastic float. Where you require a plastered finish of more than 20mm thick apply in two coats not more than 15mm thick each. Note: Two coats are recommended on brick and block walls to hide mortar joints. Apply the first coat, screed and float. When the coat starts to firm, scratch wavy horizontal lines 3-5mm thick in surface, 10mm apart. This will provide a key for the next layer. Curing: Protect from the sun, wind and frost for a period of one week. Keep surface damp for 2 to 3 days.

BRICK & BLOCK WORK

Place up to a 20mm thick bed of mortar on the foundation for the first layer of bricks/blocks, spread some Mortar Plaster on the end of the next brick/block and offer it to the first; tap into place, checking with your string line and spirit level. The joint gaps should be 10mm (+ or - 3mm) to meet NZS 4210:2001 Masonry Construction: Materials and workmanship for blocks and bricks. Trim excess Mortar Plaster at the face with an upward cutting motion of the trowel and finish joints by tooling. Note: Pointing is easier when the Mortar Plaster has partially dried.

PRODUCT INFORMATION

PACKAGING	Paper bag
SIZE	25kg
SHELF LIFE	12 Months from date of production
STORAGE	Keep in dry location free of moisture
COLOUR	Grey
GRAIN SIZE	Up to 2.5mm
WATER DEMAND PER KG	0.13 to 0.15 litres
WET DENSITY	Approximately 1800 kg/m ³
WORK TIME	30-35 minutes
INITIAL SET TIME	1-2 hours
APPLICATION THICKNESS	10-20mm
APPLICATION TEMPERATURE	5 to 30°C
COMPRESSIVE STRENGTH 7 DAY	> 9 Mpa
COMPRESSIVE STRENGTH 28 DAY	> 15 MPa
SAFETY INFORMATION	Refer to the Safety Data Sheet on our website

GENERAL INFORMATION

If only part of the bag is required, mix the entire contents of the bag together first in a dry state, return the unwanted portion to the bag or alternatively a dry sealed container, then follow the instructions.

All mortars and concrete products may exhibit a temporary 'whitening', otherwise known as efflorescence which neither affects strength nor durability.