



# TRADE MORTAR XTRA

## HIGH BOND STRENGTH MORTAR



AVAILABLE SIZE:  
**30KG**

**YIELD PER  
30KG BAG**  
VOLUME  
**0.016m<sup>3</sup>**

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

BLOCKS 20 SERIES  
390 X 190 X 190mm  
**21-26**

BRICKS  
230 X 119 X 70mm  
**33-38**

BRICKS  
290 X 162 X 70mm  
**40-46**

BRICKS  
230 X 76 X 70mm  
**42-48**

BRICKS  
230 X 90 X 76mm  
**33-38**

BRICKS  
290 X 75 X 70mm  
**42-48**

BRICKS  
390 X 190 X 90mm  
**18-24**

Dricon® Trade Mortar Xtra has been formulated to increase masonry to mortar bond strength for all types of masonry, brick and stone work. This is critical when re-using old bricks as the original mortar will have clogged the pores and brick cores, resulting in a reduced bond strength potential of the brick unit. This recommendation is conditional upon the bricks being of sound structural condition and being able to be effectively cleaned prior to re-use.

Bricks manufactured prior to 1939 are excluded from this recommendation. Dricon® Trade Mortar Xtra contains clean graded sand, EcoSure Low Carbon Cement, polymer and plasticiser proportioned to give an ideal spreadable and workable mortar. Dricon® Trade Mortar Xtra is grey in appearance but can be coloured using selected Dricon® Oxitone® Oxides. It can also be further enhanced by using Dricon® Concrete Treatment.

ENDORSED BY



### COMPRESSIVE STRENGTH

12.5MPa after 28 days.

### BOND STRENGTH

200kPa +

### WATER CONTENT

4.2 - 4.8 litres per bag

### EQUIPMENT

Trade Mortar Xtra is designed to be mixed in a concrete mixer and applied with a mason's trowel.

### JUST ADD WATER

Pour 4.2 to 4.8 litres of water into the mixer then slowly add the bag of Trade Mortar Xtra (water quantities will vary according to seasonal conditions and outside temperature, however, ensure that the water ratio for the given job at hand remains constant from bag to bag).

### MIXING

Allow 5-6 minutes of mixing time to get the correct Trade Mortar Xtra 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 Trade Mortar Xtra onto trowel, tap the bottom of trowel on hard surface then turn upside down. The Trade Mortar Xtra should stick to the trowel.

## LAYING

The board life of Trade Mortar Xtra under normal weather conditions is on average 15 minutes. Trade Mortar Xtra meets NZS 4210:2001 Masonry Construction Standard of 12.5MPa after 28 days.

## SUITABLE PROJECTS

- Laying of recycled bricks
- Schist and stonework
- Bedding of flagstone pavers

## CODE REQUIREMENT FOR RE-USE OF BRICK UNITS

NZS 4210 2001: Masonry Construction: Materials and workmanship has the following requirement: 2.1.4.6 Masonry units shall not be re-used nor deemed to satisfy the requirements of this and related standards unless accompanied by evidence of selection of grading and testing in respect of compressive strength and 7 day masonry to mortar bond strength (see 2.2.3.2).  
2.2.3.2 The 7 day masonry to mortar bond

strength when tested in accordance with Appendix 2.B shall not be less than 200kPa for structural compliance with NZS 3604 and NZS 4229.

## PRODUCT INFORMATION

|                                    |   |
|------------------------------------|---|
| <b>PACKAGING</b>                   | Paper bag                                     |
| <b>SIZE</b>                        | 30kg  |
| <b>SHELF LIFE</b>                  | 12 Months from date of production             |
| <b>STORAGE</b>                     | Keep in dry location free of moisture         |
| <b>COLOUR</b>                      | Grey  |
| <b>GRAIN SIZE</b>                  | Up to 2.5mm                                   |
| <b>WATER DEMAND PER KG</b>         | 0.14 to 0.16 litres                           |
| <b>WET DENSITY</b>                 | Approximately 1750 kg/m <sup>3</sup>          |
| <b>WORK TIME</b>                   | 15 minutes                                    |
| <b>INITIAL SET TIME</b>            | 1-2 hours                                     |
| <b>APPLICATION THICKNESS</b>       | No less than 5mm                              |
| <b>APPLICATION TEMPERATURE</b>     | 5 to 30°C                                     |
| <b>COMPRESSIVE STRENGTH 7 DAY</b>  | > 8 MPa                                       |
| <b>COMPRESSIVE STRENGTH 28 DAY</b> | > 12.5 MPa                                    |
| <b>FLEXURAL STRENGTH</b>           | 200 kPa + on second hand bricks               |
| <b>FLEXURAL STRENGTH</b>           | 400 kPa + on new bricks                       |
| <b>SAFETY INFORMATION</b>          | 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.