



# STRONGCRETE

## MORTAR

A high quality mortar for placement of bricks and blocks – just add water.

### PRODUCT DESCRIPTION

**STRONGCRETE MORTAR** is a special blend of Portland cement, well-graded mortar sand and selected admixtures. When combined with water, **STRONGCRETE MORTAR** produces a high quality mortar with excellent handling and laying characteristics. It is ideally suited for use in all forms of masonry work.

NB: **STRONGCRETE MORTAR** is a specialist masonry product. It is not suitable for use in general concrete applications.

### QUANTITIES

With the addition of water, a 20kg bag of **STRONGCRETE MORTAR** will typically produce 12½ - 13 litres of fresh mortar. Total mortar requirements may be estimated from the following table:

### QUANTITIES GUIDE

Masonry Item	Number Laid Per 20kg <b>STRONGCRETE MORTAR</b> bag
Full size brick	30-35
700mm brick	45-50
Concrete block	20-25

### SAFETY

As with all cement materials, avoid eye contact, swallowing and excessive skin contact.

- Freshly mixed concrete or mortar may cause skin irritation including alkaline burning and dermatitis.
- Avoid contact with the skin by wearing suitable clothing and gloves.
- In the event of contact with skin or eyes, rinse thoroughly with water.
- If swallowed, drink 1-2 glasses of water.
- If irritation persists, seek medical attention.

### MIXING INSTRUCTIONS

The **STRONGCRETE MORTAR** blend is designed for initial mixing with approximately 3 litres of water per 20kg bag, followed by minor additions of water if necessary to bring the final mix to the desired level of workability. Providing that the mix is not made overly wet, the standard 28 day strength should be 12.5MPa in accordance with NZS 4210: 2001: Code of practice for masonry construction.



### CONCRETE MIXER

1. First, measure 3 litres of clean water per 20kg bag of **STRONGCRETE MORTAR** into the mixer bowl and start mixer.
2. Add contents of the bag(s) of **STRONGCRETE MORTAR** and allow materials to mix thoroughly for at least 5 minutes.
3. Check the consistency of the mortar. Increase the level of workability as required by adding small quantities of water to the mix.



### HAND MIXING

1. Empty **STRONGCRETE MORTAR** into a wheelbarrow. Measure 3 litres of clean water per 20kg bag.
2. Gradually add the water and mix thoroughly using a spade, shovel or hoe.
3. Check the consistency of the mortar. Increase the level of workability as required by adding small quantities of water to the mix.

### LAYING TIPS

Concrete bricks and blocks should be laid relatively dry. Laying clay bricks is easier if the surfaces are slightly moistened.

### STORAGE

Keep dry and store off the ground.



**FIORINI**  
RAINSHIELD  
WWW.FIORINI.BIZ  
TEL +39 071 66061



PROUDLY MANUFACTURED IN NEW ZEALAND BY STRONGCRETE LTD  
PO Box 109, Greenhithe, Auckland 0756  
Ph 0800 MYSTRONGCRETE (697876) | Order Fax 0800 379 329  
sales@strongcrete.co.nz | www.strongcrete.co.nz

[www.strongcrete.co.nz](http://www.strongcrete.co.nz)