



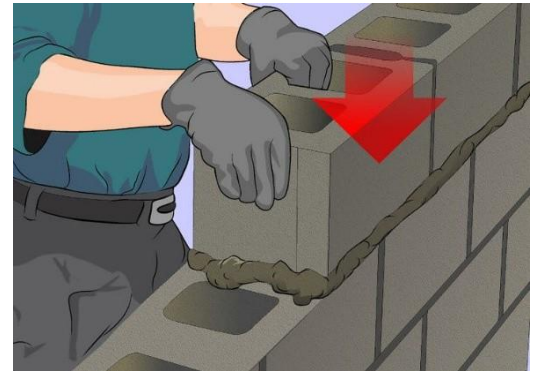
BOWERS

brothers concrete ltd

BO520 STRUCTURAL MORTAR

General Product Description

Structural Mortar is a graded sand, cement and additive, dry mixed product for use in erecting structural Concrete Masonry for Residential and Commercial constructions.



Product Info and Limitations

Structural Mortar material consists of:

- 3 parts by volume of dried graded sand, to comply with NZS 3103
- 1 Part by volume General Purpose Portland Cement complying with NZS 3122, 3123 or 3125.
- Percentage of property enhancing additives in conjunction with NZS 3113.

The compressive strength of Structural Mortar complies NZS4210:2001 clause 2.2.3.1.1 and is designed to achieve a min. compressive strength of 12.5 mPa at 28 days.

Product Yield

Approx. Yield Per 25kg Bag			
Concrete Block Dimensions (D X H X W)	25 Series	20 Series	15 Series
	240x190x390	190x190x390	140x190x390
No. of blocks per 25kg bag	16-20	18-22	21-25
Approx. m2 per 25kg bag	1.3m2	1.5m2	1.7m2

Fresh Mortar Volume = 18 Litres per 25kg bag

Manufacturing Quality Control

Structural Mortar is manufactured to specification in New Zealand by Nu-Age Plaster Ltd utilising automated weighing and batching equipment in conjunction with Telarc Q Base a strict quality control regime.
The manufacture of this product is guaranteed.

Product Guarantee

Structural Mortar is Guaranteed to be manufactured to consistent specification or replacement material will be supplied.

Bowers cannot be held liable for the application of the material outside the specifications stated in this and other associated Technical Literature, for application which does not meet current Trade Practices and any application prior to consultation on use with Bowers staff.

The material must be kept dry and sealed, stored off the floor in a manner where moisture cannot come into contact with the bag or its contents.

This Product has a shelf life of 12 months after date of manufacture if stored as detailed above.
Manufactured dates are clearly labelled on each bag.

Please refer to product Safety Data Sheet prior to use and always wear Protective Personal Equipment.

Additional Data

Structural Mortar loves to be mixed using automated on-site mixing equipment. The D-20 mixer adds the perfect amount of water and mixing time to ensure consistent mixes time after time. If you would like information regarding to the D-20 mixing machine please contact Bowers Brothers.

All cementitious products are susceptible to efflorescence. This condition does not affect the physical properties of the product.