

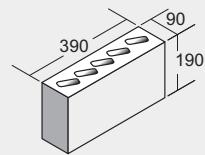
# +Hollow masonry

10 / 15 / 20 / 25 SERIES

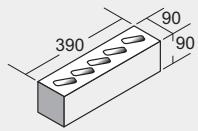


**10**

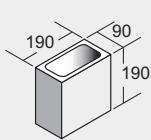
SERIES



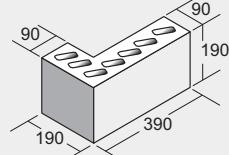
**10.01**  
Standard Whole



**H10.01**  
Standard Whole Half High



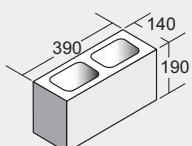
**10.02**  
Half



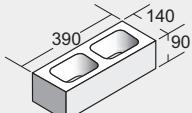
**10.03**  
Corner

**15**

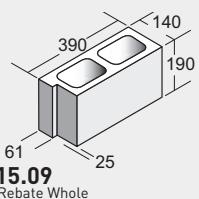
SERIES



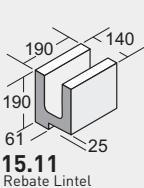
**15.04**  
Plain End Standard



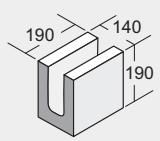
**H15.04**  
Plain End Half High



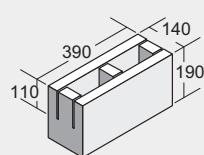
**15.09**  
Rebate Whole



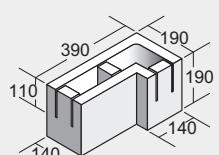
**15.11**  
Rebate Lintel



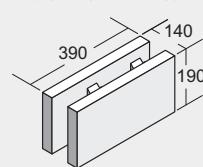
**15.12**  
Lintel and Half End-Closer



**15.14**  
Knock-In Bond Beam



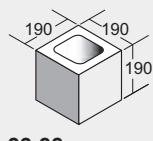
**15.15**  
Right Hand Corner Bond Beam  
(left hand also available)



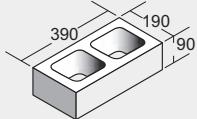
**15.16**  
Open End Bond Beam  
Depressed Web

**20**

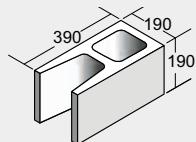
SERIES



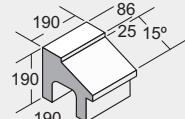
**20.02**  
Half



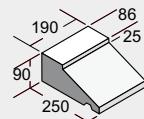
**H20.04**  
Plain End Half High



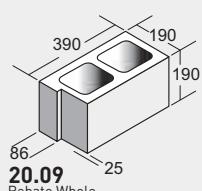
**20.05**  
Open End



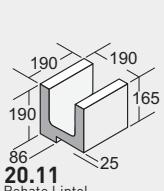
**20.08**  
Sill (projecting 50mm)  
(flush available in Auckland only)



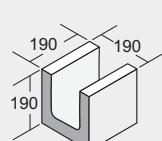
**H20.08**  
Sill (projecting)



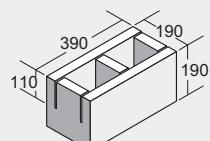
**20.09**  
Rebate Whole



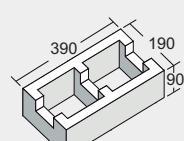
**20.11**  
Rebate Lintel



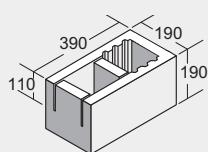
**20.12**  
Lintel and Half End-Closer



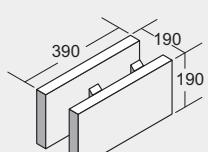
**20.14**  
Knock-In Bond Beam



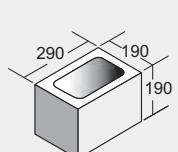
**H20.14**  
Half High Bond Beam  
(Available in Auckland only)



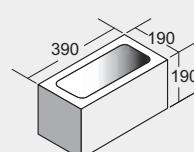
**20.15**  
Corner Bond Beam



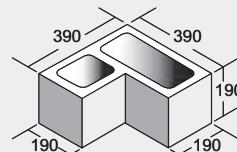
**20.16**  
Open End Bond Beam  
Depressed Web



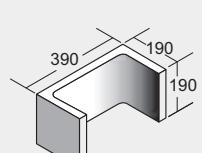
**20.19**  
Three Quarter



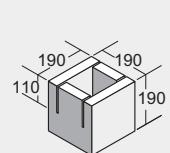
**20.30**  
Standard Column



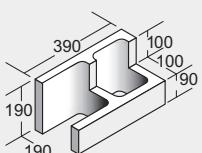
**20.33**  
Pier  
(available North Island only)



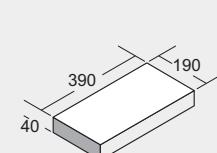
**20.34**  
Pilaster 'C' Type



**20.44**  
Knock-In Half Bond Beam  
(available North Island only)



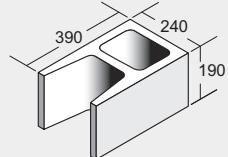
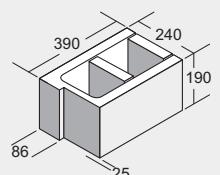
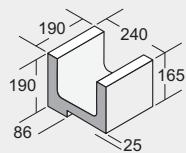
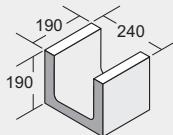
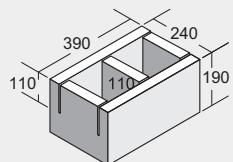
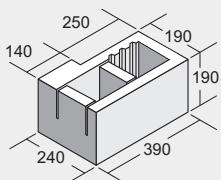
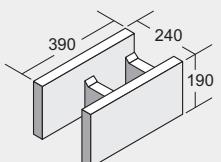
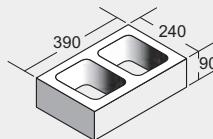
**20.45**  
Header



**05.17**  
Capping

**25**

| SERIES


**25.05**  
Open End and Plain End

**25.09** (North Island only)  
Rebate Whole

**25.11** (North Island only)  
Rebate Half

**25.12**  
Lintel and Half-End Closer

**25.14**  
Knock-in Bond Beam

**25.15**  
Left Hand Corner Bond Beam  
(right hand also available)

**25.16**  
Open End Bond Beam  
Depressed Web

**H25.04**  
Half High

## USEFUL ESTIMATING DATA FOR HOLLOW MASONRY

### BLOCKFILL VOLUME

**15**

SERIES

**165**BLOCKS/M<sup>3</sup>**20**

SERIES

**125**BLOCKS/M<sup>3</sup>**25**

SERIES

**85**BLOCKS/M<sup>3</sup>

### UNITS PER SQUARE METRE

**10**

SERIES

**15**

SERIES

**20**

SERIES

**25**

SERIES

**12.5**

UNITS

**10**

SERIES

**15**

SERIES

**20**

SERIES

**25**

SERIES

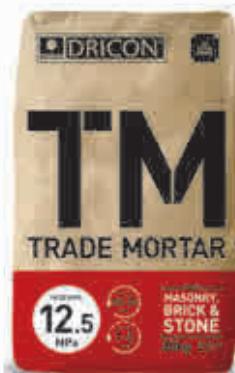
**25**

UNITS

**HONING** - Firth Masonry is manufactured across New Zealand, therefore variations regionally in colour and texture should be expected, please contact Firth for a local sample. To achieve consistent colour tone variation when laying, blending from multiple pallets is recommended. If honing natural grey masonry, there may be medium to extreme degrees of colour and exposed texture variation between blocks, which will appear throughout the finished wall.

### FIRTH RECOMMENDS DRICON® TRADE MORTAR®

Dricon® Trade Mortar® is a combination of clean, graded sand; cement and plasterciser proportioned to give an ideal mortar for all types of masonry, brick and stonework. Dricon® Trade Mortar® is designed to meet NZS 4210:2001 compressive strength of 12.5 MPa after 28 days, guaranteeing the user a consistent mortar time after time. Dricon® Trade Mortar® is available in various colours and is packed in water resistant 30kg bags designed for convenience and easy handling. Dricon® Architectural Mortar is recommended for Architectural Masonry.



### MORTAR MIX SPECIFICATIONS

Dricon® bagged mortar is recommended for quality control to ensure compliance with the code. Refer to the 'Concepts Designer Brick and Architectural Masonry' brochure for available colours. NZS4210 provides a guideline on site mortar mixes for various durability zones 1 & 4 (NZ 3604), NZS4210 recommends 3 parts by volume of correctly graded mortar sand; 1 part by volume of cement; 1/4 part by volume of hydrated lime or suitable plasticiser to manufacturers specifications. Approximately 750 standard block unit's may be laid with 1 cubic metre of mortar. The minimum requirement for Firth masonry is 12.5 Mpa. The volume of water, additives and mixing time, all need to be consistent to achieve a quality mortar of an even colour. See NZS4210 for full details and recommendations on other zones.



## CONCRETE & MASONRY PRODUCTS: A SUSTAINABLE BUILDING OPTION & SOLUTION

- Manufacturing plants operating in compliance with relevant legislation
- All products manufactured according to ISO9001
- Strong focus on reducing transport impacts
- Masonry products manufactured according to Lean principles
- Greenstar and environmental product options available
- Environmental Management Plans operative at all sites
- Effective acoustic barrier and fire resistant
- Longer and effective building life
- Demolished concrete can be recycled, reused or as clean fill
- Passive solar heated thermal mass provides energy efficiencies
- Highly durable, low maintenance
- Rainwater and process water reused in most products

**Firth Disclaimer:** While every care has been taken to achieve an accurate representation, for best results compare or view actual product before purchasing. To ensure colour consistency we recommend purchasing products from one location. Expect colour variations when honing standard grey masonry. Concrete products may also display a "whitening" otherwise known as efflorescence. For further information about efflorescence please refer to the CCANZ information bulletin IB44.



**0800 FIRTH 1** (347841)  
**FIRTH.CO.NZ**

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