



October 2017

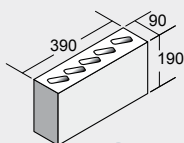
+Hollow masonry

10 / 15 / 20 / 25 SERIES
HOTBLOC®

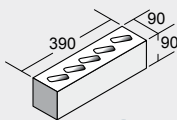


10

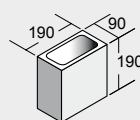
SERIES

**10.01**

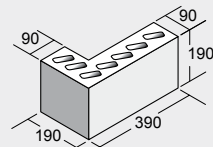
Standard Whole
[also supplied as two core in some areas]

**H10.01**

Standard Whole Half High
[also supplied as two core in some areas]

**10.02**

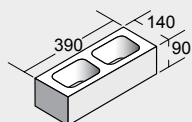
Half

**10.03**

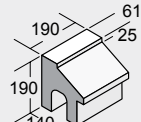
Corner

15

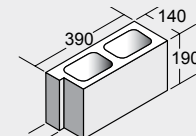
SERIES

**H15.04**

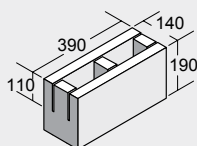
Plain End Half High

**15.08**

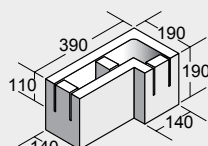
Sill (projecting)

**15.09**

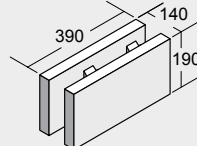
Rebate Whole

**15.14**

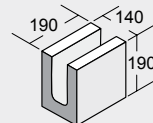
Knock-In Bond Beam

**15.15**

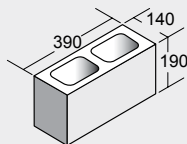
Right Hand Corner Bond Beam
(left hand also available)

**15.16**

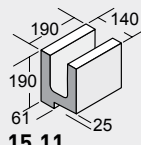
Open End Bond Beam
Depressed Web

**15.12**

Lintel and Half End-Closer

**15.04**

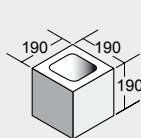
Plain End Standard

**15.11**

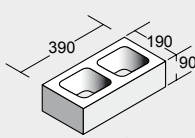
Rebate Lintel

20

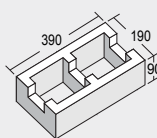
SERIES

**20.02**

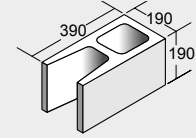
Half

**H20.04**

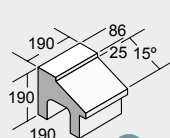
Plain End Half High

**H20.14**

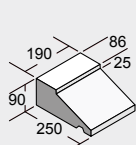
Half High Bond Beam

**20.05**

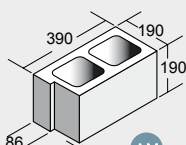
Open End

**20.08**

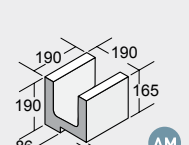
Sill (projecting)

**H20.08**

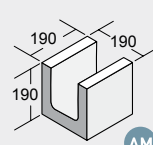
Sill (projecting)
(flush available in Auckland only)

**20.09**

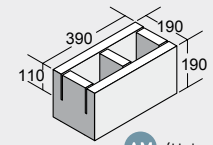
Rebate Whole

**20.11**

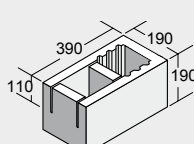
Rebate Lintel

**20.12**

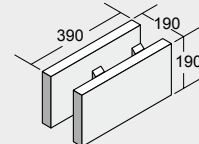
Lintel and Half End-Closer

**20.14**

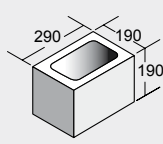
Knock-In Bond Beam
(Universal)

**20.15**

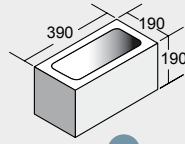
Corner Bond Beam

**20.16**

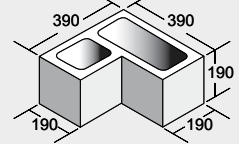
Open End Bond Beam
Depressed Web

**20.19**

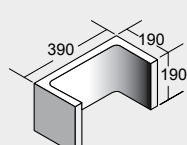
Three Quarter

**20.30**

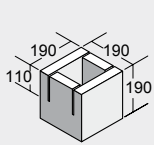
Standard Column

**20.33**

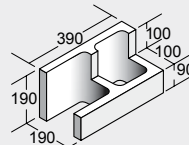
Pier
(available North island only)

**20.34**

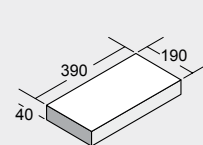
Pilaster 'C' Type

**20.44**

Knock-In Half Bond Beam
(available North island only)

**20.45**

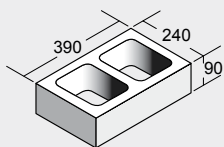
Header

**05.17**

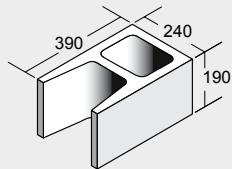
Capping

25

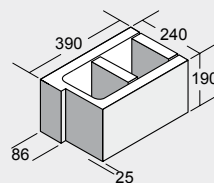
SERIES



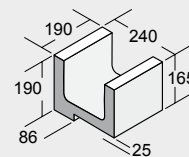
H25.04
Half High



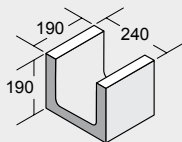
25.05
Open End and Plain End



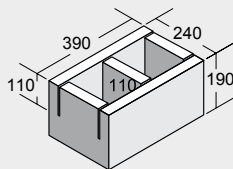
25.09 (North Island only)
Rebate Whole



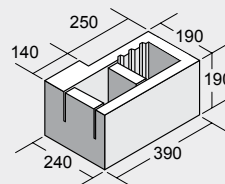
25.11 (North Island only)
Rebate Half



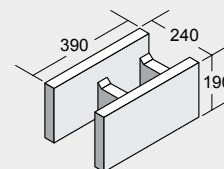
25.12
Lintel and Half-End Closer



25.14
Knock-in Bond Beam



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

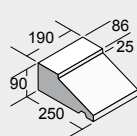


25.16
Open End Bond Beam
Depressed Web

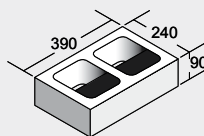
HOTBLOC®

25

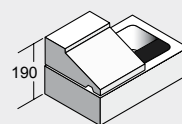
SERIES



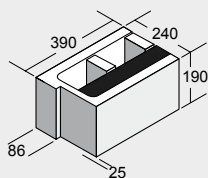
H2008HB
Thermal Sill



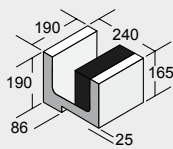
HOTH2504
Thermal Half High
(Only suitable for a single course in a wall)



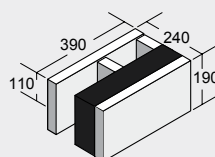
2xH2008HB+1xHOTH25.04
Sill Option to achieve 190 height



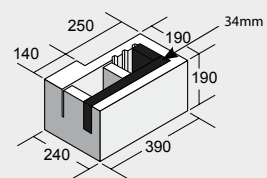
HOT25.09
Thermal Rebate Whole



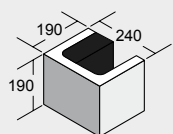
HOT25.11
Thermal Rebate Half



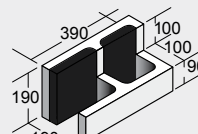
HOTSTD25
Thermal Whole, Knock-in Bond Beam



HOT25.15
Left hand corner bond beam
(Right-hand also available)



HOT25.12
Thermal Lintel and Half-End Closer



HOT45

HotBloc® is made in the North Island only. Talk to your local Firth rep regarding orders and lead times.

25 Series HotBloc is available with two thicknesses of polystyrene, 40mm suitable for Zone 1 and 75mm suitable for Zone 2 and 3. Please specify which is required when ordering.

*Note: For legislation on clear sealing structural masonry units, refer to the 'Code of Practice for Weathertight Concrete & Concrete Masonry construction' document CCANZ CP 01:2014.

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.



USEFUL ESTIMATING DATA FOR HOLLOW MASONRY

BLOCKFILL VOLUME			
15 SERIES	20 SERIES	25 SERIES	HotBloc® 25 SERIES
165 BLOCKS/M3	125 BLOCKS/M3	85 BLOCKS/M3	125 BLOCKS/M3 (40MM POLY)

UNITS PER SQUARE METRE							
10 SERIES	15 SERIES	20 SERIES	25 SERIES	Half High			
12.5 UNITS				10 SERIES	15 SERIES	20 SERIES	25 SERIES
				25 UNITS			

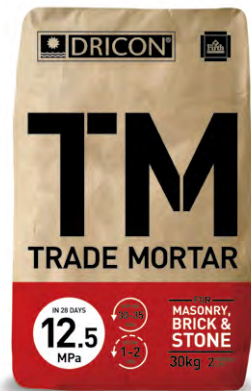
HONING - Firth Masonry is manufactured across New Zealand, therefore variations regionally in colour and texture should be expected, please contact Firth for a local sample. To achieve consistent colour tone variation when laying, blending from multiple pallets is recommended. If honing natural grey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

MADE TO ORDER FINISHES FOR ARCHITECTURAL MASONRY: If you require fair face, honed or split face finishes, please refer to the 'Concepts Designer Brick and Architectural Masonry' brochure for more details. Sealing is recommended for all exterior walls and honed product.*



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

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