



CBI 3321, 4263, 8119, 8334

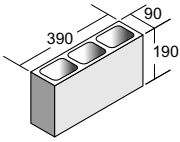
September 2009

HOLLOW MASONRY

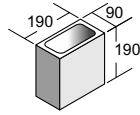
Firth Technical Solutions



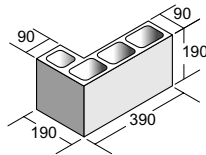
10 Series



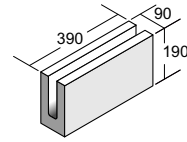
10.01
Standard Whole
(also supplied as two core in some areas)



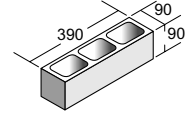
10.02
Half



10.03
Corner

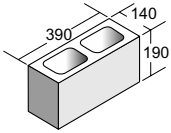


10.23
Channel Bond Beam

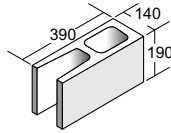


H10.01
Standard Whole Half High
(also supplied as two core in some areas)

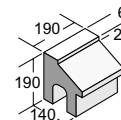
15 Series



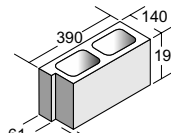
15.04
Plain Ends Standard



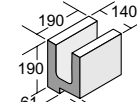
15.05
Open End



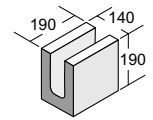
15.08
Sill (projecting)



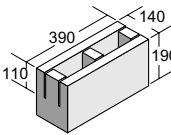
15.09
Rebate Whole



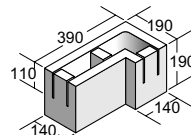
15.11
Rebate Lintel



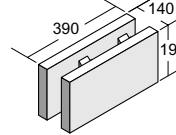
15.12
Lintel and Half End-Closer



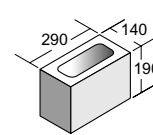
15.14
Knock-In Bond Beam



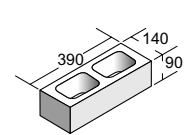
15.15
Right Hand Corner Bond Beam
(left hand also available)



15.16
Open End Bond Beam
Depressed Web

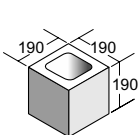


15.19
Three Quarter

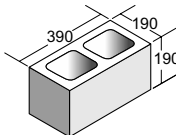


H15.04
Plain Ends Half High

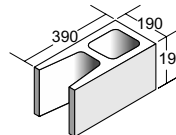
20 Series



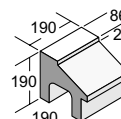
20.02
Half



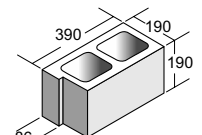
20.04
Plain Ends



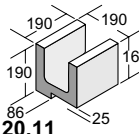
20.05
Open End



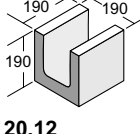
20.08
Sill (projecting)
(flush available in Auckland only)



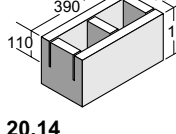
20.09
Rebate Whole



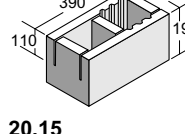
20.11
Rebate Lintel



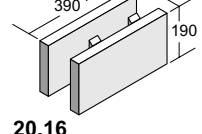
20.12
Lintel and Half End-Closer



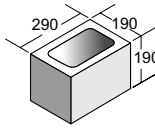
20.14
Knock-In Bond Beam



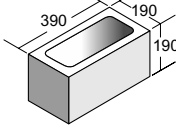
20.15
Corner Bond Beam



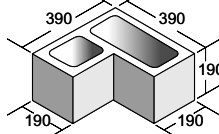
20.16
Open End Bond Beam
Depressed Web



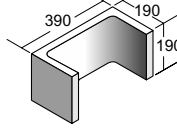
20.19
Three Quarter



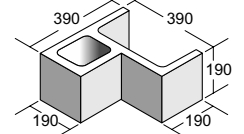
20.30
Standard 200mm Column



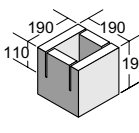
20.33
Pier
(available North Island Only)



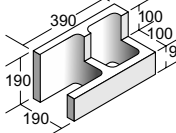
20.34
Pilaster 'C' Type
(available North Island Only)



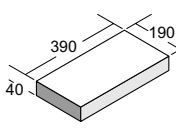
20.35
Pilaster 'H' Type
(available North Island Only)



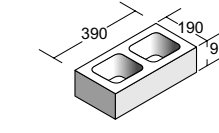
20.44
Knock-In Half Bond Beam



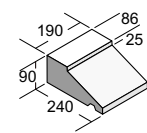
20.45
Header



05.17
Capping

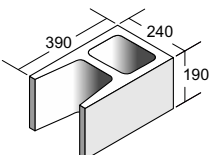


H20.04
Plain End Half High

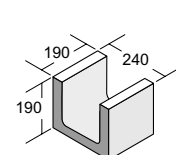


H20.08
Sill (projecting)
(flush available in Auckland only)

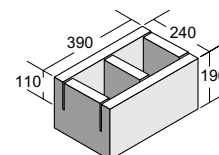
25 Series



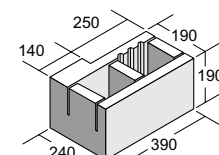
25.05
Open End and Plain End



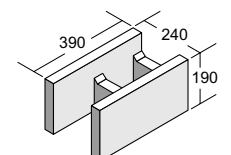
25.12
Lintel and Half-End Closer



25.14
Knock-In Bond Beam



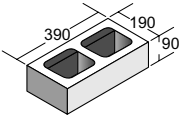
25.15
Left Hand Corner Bond Beam
(right hand also available)



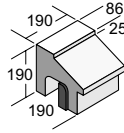
25.16
Open End Bond Beam
Depressed Web

25.09, 25.11 and H20.04 also available (dimensions as shown in the 25 Series HotBloc)

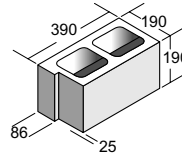
HotBloc® 20 Series



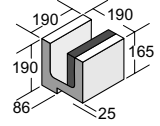
Hot-H04
Thermal Half High



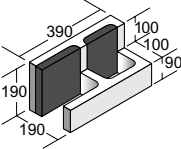
Hot-08
Thermal Sill (projecting)
(flush available in Auckland only)



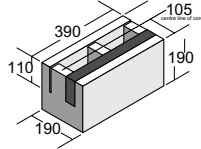
Hot-09
Thermal Rebate Whole



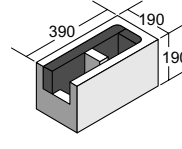
Hot-11
Thermal Rebate Half



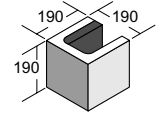
Hot-45
Thermal Header



Hot-STD
Thermal Whole, Knock-In Bond Beam

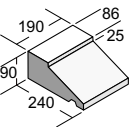


Hot-CNR(L and R)
Thermal Plain Ends and Corners

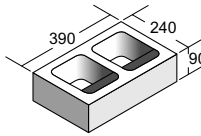


Hot-Half
Thermal Lintel and Half-End Closer

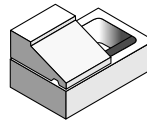
HotBloc® 25 Series



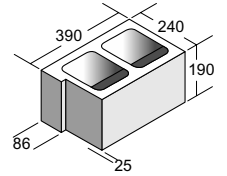
Hot-08
Thermal Sill (flush)



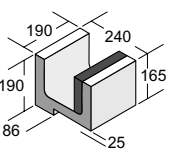
HotH25-04
Thermal Half High



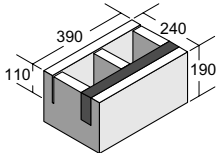
Hot-08 + HotH25-04
Sill Option to achieve 190 height



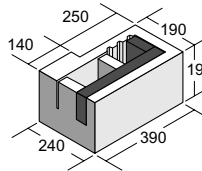
Hot25-09
Thermal Rebate Whole



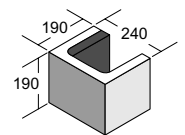
Hot25-11
Thermal Rebate Half



Hot25-14
Thermal Whole, Knock-in Bond Beam

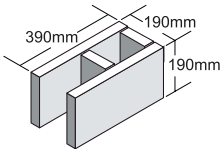


Hot25-15(L and R)
Thermal Plain Ends and Corners

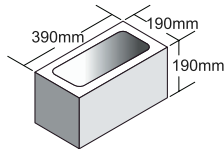


Hot25-12
Thermal Lintel and Half-End Closer

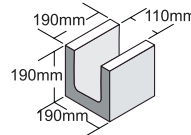
DRYbloc™ - Stocked 20 Series Fair Face



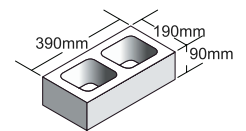
DB2014U
Universal Bond Beam



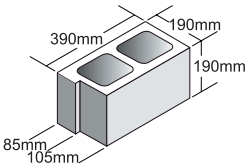
DB2030
Column Block
(Also serves as a corner)



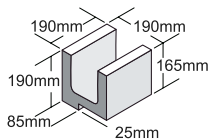
DB2012
Lintel



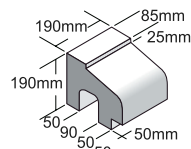
DBH2004
Standard or Corner
Half High Plain Ends



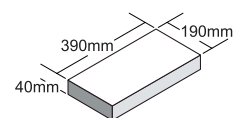
DB2009
Rebate



DB2011R
Rebate Lintel



DB2008
Sill Block



DB517
Capping Block

Made to Stock-Auckland only, otherwise Made to Order. Available in the colours: Stone and Slate

Useful Estimating Data for Hollow Masonry

Units Per Square Metre	
10.00/15.00/20.00/25.00 Series	12.5 Units
H10.00/H15.00/H20.00 Series	25 Units

Blockfill Volume	
15.00 Series	165 blocks/m3 blockfill
20.00 Series	125 blocks/m3 blockfill
25.00 Series	85 blocks/m3 blockfill
HotBloc® 20 Series	165 blocks/m3 blockfill

Made to Order Finishes

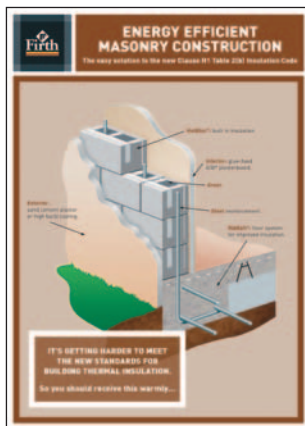
- Honed (Mt Maunganui & Christchurch manufacturing only)
- Split Faced (20.14, 20.14U and 20.30)
- Split Fluted

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 comprehensive strength of 12.5 MPa after 28 days, guaranteeing the user a consistent mortar time after time. Dricon® Trade Mortar is packaged in water resistant 30 kg bags designed for convenience and easy handling.

A Recommended Mortar Mix

NZS4210 provides recommended mortar mixes for various durability zones. For exposure zones 1 & 4 (NZS 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 plasterciser to manufacturer's specifications. Approximately 750 standard block units may be laid with 1 cubic metre of mortar.



SUSTAINABILITY: THE FIRTH CONCRETE & CONCRETE MASONRY SUSTAINABILITY LIFECYCLE

- Environmentally compliant manufacturing plants
- Surplus water and some aggregates recycled
- Low transport impacts
- Leftover concrete returned from construction sites
- Passive solar heated thermal mass makes completed buildings more energy-efficient

- Most wash water returned from construction sites
- Highly durable, low maintenance buildings and no rot
- High degree of noise control
- Inherent fire resistance
- Overall longer effective building life
- Demolished concrete can be recycled as hard fill or aggregate

For more on Firth's contribution to building a sustainable tomorrow today, visit www.firth.co.nz or call us on 0800 800 576 for our free brochure.



0800 800 576
www.firth.co.nz

Available in
masterspec
www.masterspec.co.nz