

BUILDING BLOCK RANGE

JANUARY 1st 2018



Thermal Blocks R 2.2



Tech-Dry Water Repellent Blocks



Natural Building Blocks



Super Blocks



Rendered Natural Blockwork
















































240mm Tech Dry Blocks



NATURAL BLOCK PRICES

'TECH-DRY' WATER REPELLENT BLOCK PRICES

(PRICES INCLUDE GST)

100mm Series	Price each	Num. Per Pallet	Num. Per Tonne	150mm Series	Price each	Num. Per Pallet	Num. Per Tonne	200mm Series	Price each	Num. Per Pallet	Num. Per Tonne
10.01 Standard 390 x 90 x 190mm 	\$2.72	180	90	15.01 Standard 390 x 140 x 190mm 	\$3.51	120	70	20.01 Standard 390 x 190 x 190mm 	\$4.64	90	58
	\$2.83				\$3.64				\$4.80		
10.02 Three Quarter 290 x 90 x 190mm 	\$2.38	240	115	15.02 Three Quarter 290 x 140 x 190mm 	\$3.20	160	90	20.02 Three Quarter 290 x 190 x 190mm 	\$4.09	120	70
	\$2.49				\$3.35				\$4.29		
10.03 Half 190 x 90 x 190mm 	\$1.75	360	180	15.03 Half 190 x 140 x 190mm 	\$2.19	216	130	20.03 Half 190 x 190 x 190mm 	\$2.71	180	130
	\$1.83				\$2.41				\$2.84		
10.04 Quarter 90 x 90 x 190mm 	\$0.91	720	345	15.04 Quarter 90 x 140 x 190mm 	\$1.05	432	220	20.04 Quarter 90 x 190 x 190mm 	\$1.75	360	180
	\$0.95				\$1.15				\$1.83		
10.31 Solid 390 x 90 x 190mm 	\$3.15	144	65	15.22 Seven-Eights Closure 340 x 140 x 190mm 	\$3.67	135	85	20.13 Half Lintel 190 x 190 x 190mm 	\$3.04	220	100
	POA				\$3.85				\$3.18		
10.71 Half Height 390 x 90 x 90mm 	\$1.99	360	200	15.20 Knock Out Bond Beam 390 x 140 x 190mm 	\$4.20	120	76	20.18 Deep Lintel 190 x 190 x 390mm 	\$5.65	110	60
	\$2.09				\$4.40				\$5.92		
10.45 Squint 190 x 90 mm 	\$3.75	120	80	15.31 Fire Block 390 x 140 x 190mm 	\$4.35	90	41	20.20 Knock Out Bond Beam 390 x 190 x 190mm 	\$5.47	90	62
	POA				\$4.35				\$5.74		
10.117 390 x 90 x 40mm 	\$2.15	486	300	15.710 AC Acoustic 390 x 140 x 190mm 	\$6.66	120	60	20.45 Squint 190 x 190mm 	\$6.62	120	70
	\$2.22				\$6.66				\$6.62		
Super Blocks	Price each	Num. Per Pallet	Num. Per Tonne	15.13 Half Lintel 190 x 140 x 190mm 	\$2.28	265	140	20.38 Sill Block 190 x 240 x 105mm 	\$4.99	200	125
10.162 Render 290 x 162 x 90mm 	\$1.78	312	195		\$2.33				\$5.92		
250mm Series	Price each	Num. Per Pallet	Num. Per Tonne	15.71 Half Height 390 x 140 x 90mm 	\$3.07	240	140	20.71 Half Height 390 x 190 x 90mm 	\$3.75	180	110
	25.01 Standard 390 x 240 x 190mm 	\$6.57	75		45				\$3.19		
25.48 Pool Block 390 x 240 x 190mm 	\$6.72	80	45	15.48 H Block 390 x 140 x 190mm 	\$3.85	120	75	20.934 Single Core 390 x 190 x 190mm 	\$5.46	90	61
25.03 Half 190 x 240 x 190mm 	\$3.96	150	84		\$4.05				\$5.46		
25.22 Seven-Eights Closure 340 x 240 x 190mm 	\$7.40	80	50	300mm Series	Price each	Num. Per Pallet	Num. Per Tonne	20.48 H Block 390 x 190 x 190mm 	\$5.09	90	62
25.71 Half Height 390 x 240 x 90mm 	POA	150	90	30.48 H Block 390 x 290 x 190mm 	\$7.55	70	45		50.31 Patio Slab 390 x 190 x 40mm 		
25.20 Knock Out 390 x 240 x 190mm 	\$7.40	75	45	30.934 390 x 290 x 190mm 	\$7.56			60		40	20.01 Thermal 390 x 190 x 190mm 
				30.18 Deep Lintel 190 x 290 x 390mm 	\$7.91	60	45				
				30.02 Pier Block 290 x 290 x 190mm 	\$8.30						
				30.03 Half 190 x 290 x 190mm 	\$7.77	80	65				
					\$4.10	120	70				
					\$4.30						

**LIGHTWEIGHT
BLOCKS
NOW AVAILABLE**

Conditions of sale can be viewed at islandblock.com.au/cos



"No one knows Blocks and Pavers better"



ISLAND BLOCK & PAVING PRODUCT INFORMATION

NATURAL BUILDING BLOCKS

Island Block and Paving manufacture an extensive range of concrete building blocks which are supplied statewide. Typical uses include: building foundations, partition walls, commercial buildings, retaining walls, fences, swimming pools, fire rated walls, sound insulated walls + more...

islandblock.com.au/concreteblocks

THERMAL BLOCKS®

Thermal blocks® are used in single leaf homes or any other buildings that thermally efficient walls are required eg. commercial buildings, schools, swimming pool enclosures etc. Thermal blocks® have polystyrene insulation batts inserted into the blocks during construction.

The Thermal blocks® including the insulation batts achieve an insulation rating of a Minimum R2.2 value which meets the requirements of the building code. All Thermal blocks® are manufactured with Tech-Dry additive which ensure that the blocks are "waterproof against wind driven rain" as per CSIRO testing. Building homes utilising Thermal blocks® and the single leaf construction method also provides walls that have superior strength, fire resistance and acoustic values over alternative materials.

islandblock.com.au/thermalblocks

SUPERBLOCKS

Superblocks are specifically designed for use in new homes where a rendered finish is required. Superblocks are used extensively because of their unique characteristics. These sustainable blocks are made with a combination of lightweight aggregate and recycled glass to result in a uniform block that provides excellent thermal mass.

Superblocks are 290mm long x 162mm high x 90mm wide and bond with brickwork or blockwork. Superblocks are a bricklayers favourite weighing just 4.7kg each, are uniform in size and they are easier for bricklayers to handle than 110mm wide clay products. Each block has 10 cores for the mortar to bond into which ensures maximum bond strength. Texture applicators save valuable time on preparation coats because the Superblocks have better size tolerances than clay products. Superblocks have guaranteed size tolerances which exceed Australian standards.

islandblock.com.au/superblocks

ALSO AVAILABLE...

BLOCKS *for the* FUTURE

Blocks for the Future are a premium architectural block which is available in a variety of colours which are supplied in exposed aggregate, diamond brushed or standard finishes. Blocks for the Future are a highly sustainable product because they are manufactured with up to 40% recycled glass aggregates which provide a unique finish that glistens in the light. Designers can request free samples and specify their selected finish. After manufacture the blocks are treated to expose the recycled glass coloured aggregate on the surface. Blocks for the Future are the only building blocks in Australia that have achieved Global Green Tag certification, the environmental benefits are enormous as natural resourced aggregates such as sand and metal dust, are replaced in manufacture by a potential landfill product. Due to the cementitious value of the finely crushed recycled glass, cement usage is reduced by 10% - therefore importantly reducing CO2 emissions whilst still achieving excellent product strength.

islandblock.com.au/blocksforthefuture

240mm BUILDING BLOCKS

Designers generally detail 240mm blocks for levelling up foundations as well as constructing the ground floor walls of two story dwellings. The 240mm block width allows for 100mm of load bearing or stud width + a 50mm wide cavity to comply with the BCA + 90mm or 110mm block/brick width for the external masonry, (see the 240mm block detail for typical wall section on front page). All 240mm blocks are manufactured with Tech-Dry additives to provide a water repellent block.

islandblock.com.au/240mmblocks

TECH-DRY WATER REPELLENT BLOCKS

Tech-Dry blocks are a sustainable product which are ideal for single leaf, external, parapet, retainer, basement walls and anywhere a water tight wall is required. The water repellence is an integral part of the entire Tech-Dry block and not just a surface effect. An active waterproofing material is blended throughout the entire block and will not break down or wash out over time. For Tech-Dry Block Walls, a Tech-Dry mortar additive is supplied to create water repellent mortar joints to establish a totally water repellent wall. Tech-Dry blocks are the only accepted industry product that is "waterproof against wind driven rain" as per CSIRO Tech-Dry test results. Tech-Dry blocks have been successfully used in the building industry for over 15 years and comply with relevant Australian Standards.

islandblock.com.au/tech-dry

LIGHTWEIGHT CLADDING, RENDERS, MOULDINGS & COLUMNS

Island Block and Paving complement their building block range by being the Tasmanian distributor of quality Unitex texture coatings, architectural mouldings and the renowned "Baseboard" lightweight polystyrene wall cladding system. Being able to supply a comprehensive range of building blocks, texture coatings, mouldings and lightweight polystyrene cladding allows Island Block & Paving to be a true One Stop Shop providing the highest level of service for their customers.

islandblock.com.au/unitex

BRICKS *for the* FUTURE

Bricks from Island Block and Paving are known as Bricks for the Future. Bricks for the Future offer a high quality, exclusive brick collection with distinctive modern colours that stand out from the rest. Bricks for the Future are more sustainable because they are manufactured with recycled glass aggregates which provide a unique finish that classily glistens in the light. Bricks for the Future are the only Bricks in Australia that have Global Green Tag certification and are available in two ranges, the Premium and Economy ranges.

The Premium Range of bricks are treated in production with an exclusive shot blasted finish to expose the coloured aggregates within the surface, to achieve a patented exposed aggregate finish. The Economy Range of bricks need to be treated on site by acid washing to expose the coloured glass aggregate. Aside from the fantastic look of Bricks for the Future, the benefits of these ecofriendly bricks are huge.

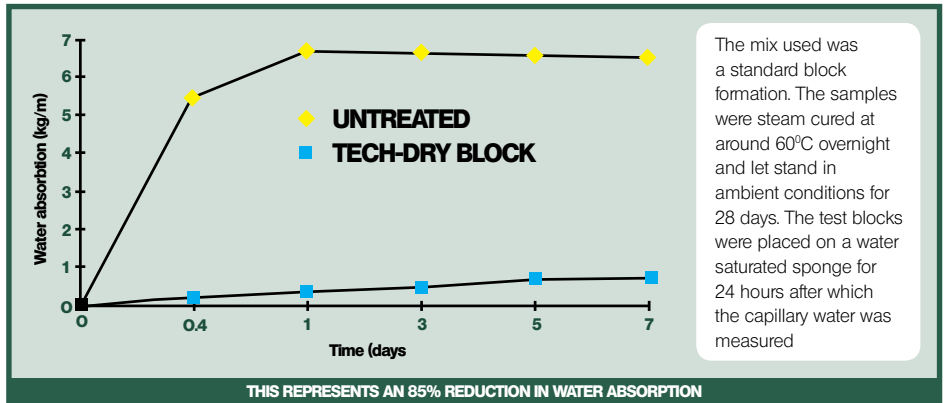
islandblock.com.au/bricksforthefuture

TECH-DRY WATER REPELLENT BLOCKS

The advantages of the TECH-DRY block can be summarised as:

1. No water permeation through the block.
2. Dramatic reduction in efflorescence.
3. Resistance to biological growth as the block remains dry (mould and moss etc).
4. Higher 28 day compression strength.
5. Higher 28 day flexural strength.
6. Colour retention.
7. Properties close to natural stone can be produced.
8. The TECH-DRY block exhibits high resistance to salts as water containing salt cannot enter.
9. Half the cost of liquid sealers.
10. Eliminates rising damp, therefore eliminating problems with applied finishes delaminating at lower ground level.
11. Easier to wash down as dirt and grime does not penetrate into the block.
12. The TECH-DRY blocks may be painted over and rendered finishes may be applied.

A mortar additive is supplied to create water repellent mortar joints to establish a totally water repellent wall.



The mix used was a standard block formation. The samples were steam cured at around 60°C overnight and let stand in ambient conditions for 28 days. The test blocks were placed on a water saturated sponge for 24 hours after which the capillary water was measured

TECH-DRY Mortar Mix

1. Mix 300ml of MORTAR ADDITIVE with 2 shovels of cement and 10 shovels of bricklaying sand.
2. If a fattier mix is required, more MORTAR ADDITIVE may be added.

For further information visit islandblock.com.au/tech-dry

ESTIMATING DATA										
20 litres of TECH-DRY Mortar will lay approximately:										
Commons	10.01	10.31	15.01	15.48	20.01	20.48	25.01	25.48	30.48	30.934
1500	900	900	800	800	800	800	750	750	700	700

MATERIALS FOR APPROXIMATELY 1 M ³ OF MORTAR	
Cement	14 Bags (20kg per bag)
Lime	5 Bags (25kg per bag)
Sand	1.1 cubic metres - (allowing for bulking when damp)

APPROX. NUMBER OF UNITS THAT CAN BE LAID WITH 1 M ³ OF MORTAR		
Shell face bedding	Blocks	1,200
Full bedding	Blocks	800
Full bedding	Bricks	1,500

VOLUME OF GROUT USED IN FILLING CORES			
Block Type	Volume of grout to fill 1 m ² of wall area	Volume of grout to fill 100 blocks	Number of blocks filled by 1 m ³ of grout
15.01	0.054m ³	0.43m ³	220
15.48	0.054m ³	0.43m ³	220
20.01	0.083m ³	0.66m ³	150
20.48	0.10m ³	0.80m ³	120
25.48	0.14m ³	1.12m ³	95
30.48	0.18m ³	1.44m ³	70
Pier with 20.934	0.043m ³ per LM of Pier	0.86m ³	115
Pier with 30.02	0.053m ³ per LM of Pier	1.06m ³	105

Available from... ISLAND BLOCK & PAVING Pty Ltd

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