

# Masonry

## Block Product Guide



what can you build with Selkirk?

BUILD WITH

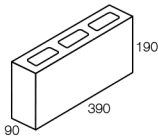
**Selkirk**



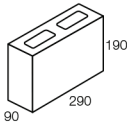
# 100 Series

## Grey Blocks

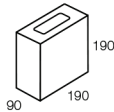
### Hollow 100m Series 60 minutes fire rating



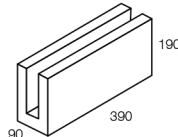
**10.01AG\***  
Standard Hollow  
12.0 kg  
149 per pallet



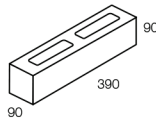
**10.02AG**  
Three Quarters  
8.7 kg  
192 per pallet



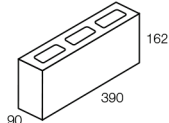
**10.03AG**  
Half  
5.7 kg  
252 per pallet



**10.12AG**  
Bond Beam  
10.1 kg  
108 per pallet



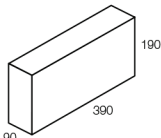
**10.71AG\***  
Half Height Hollow  
5.6 kg  
300 per pallet



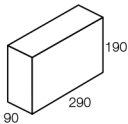
**10.201AG\***  
Backup Hollow  
10.1 kg  
172 per pallet

## Fire Rated Blocks

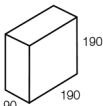
### Solid 100m Series 180 minutes fire rating



**10.331FR\***  
Standard Solid  
13.3 kg  
139 per pallet



**10.332FR**  
Three Quarter  
10.5 kg  
192 per pallet



**10.333FR**  
Half  
6.8 kg  
252 per pallet

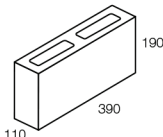


**10.334FR**  
Quarter  
3.5 kg  
504 per pallet

# 120 Series

## Fire Rated Blocks

### Reduced Core 120mm Series 240 minutes fire rating



**12.401FR\***  
Reduced Core  
13.1 kg  
120 per pallet

**Note:**  
1 in 5 "universal" for ½ or ¾, to bolster on site.

**Note:**  
\* These products are sold by the full pallet (A part pallet will incur a part pallet make-up fee). • Lead time required for Melbourne metropolitan delivery of Grey Block is 2-3 working days pending stock availability





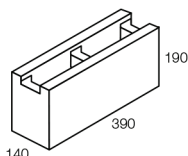




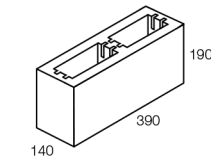
# 150 Series

## Grey Blocks

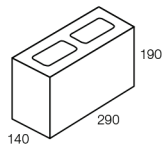
### Hollow 150mm Series suitable for concrete filling



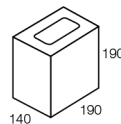
**15.42UNV\***  
Universal Hollow  
12.8 kg  
120 per pallet



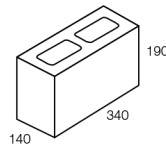
**Note:**  
→ Each pallet of 15.42UNV is packaged with 1 in 4 Universal 2 Closed Ends



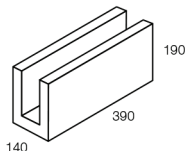
**15.02AG**  
Three Quarter  
10.3 kg  
128 per pallet



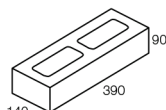
**15.03AG**  
Half  
7.2 kg  
192 per pallet



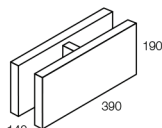
**15.22AG**  
Corner Block  
11.9 kg  
108 per pallet



**15.12AG**  
Bond Beam  
15.7 kg  
96 per pallet



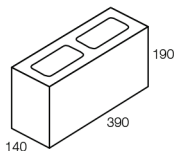
**15.71AG\***  
Half Height Hollow  
7.5 kg  
216 per pallet



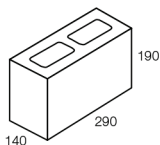
**15.48AG\***  
'H' Block  
13.5 kg  
120 per pallet

## Fire Rated Blocks

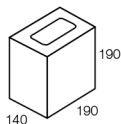
### Hollow 150mm Series 120 minutes fire rating



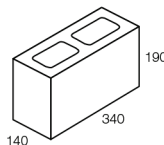
**15.01FR\***  
Standard Hollow  
11.0 kg  
120 per pallet



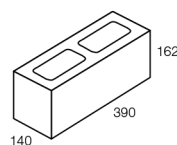
**15.02FR**  
Three Quarter  
9.1 kg  
128 per pallet



**15.03FR**  
Half  
6.1 kg  
192 per pallet

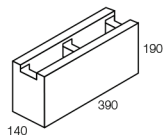


**15.22FR**  
Corner Block  
10.7 kg  
108 per pallet

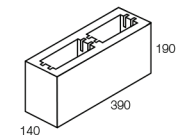


**15.321FR\***  
Backup Cored  
13.0 kg  
120 per pallet

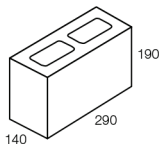
### Light Weight Structural 120 minutes fire rating and suitable for concrete filling



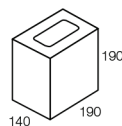
**15.20LWS\***  
Light Weight  
11.3 kg  
144 per pallet



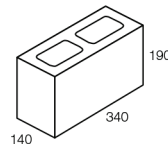
**Note:**  
→ Each pallet of 15.20LWS is packaged with 1 in 4 Universal 2 Closed Ends



**15.02LWS**  
Three Quarter  
9.4 kg  
128 per pallet

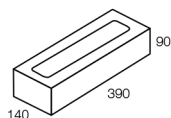


**15.03LWS**  
Half  
6.3 kg  
192 per pallet

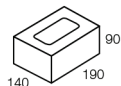


**15.22LWS**  
Corner Block  
11.6 kg  
108 per pallet

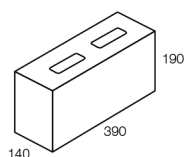
### 150mm Series 240 minutes fire rating



**15.483FR\***  
Half Height Solid  
9.8 kg  
192 per pallet



**15.485FR**  
Half  
4.9 kg  
384 per pallet



**15.401FR\***  
Reduced Core  
15.3 kg  
120 per pallet

#### Note:

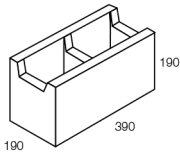
\* These products are sold by the full pallet (A part pallet will incur a part pallet make-up fee). • Lead time required for Melbourne metropolitan delivery of Grey Block is 2-3 working days pending stock availability



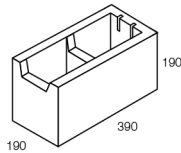
# 200 Series

## Grey Blocks

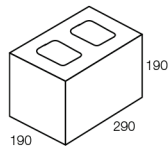
### Hollow 200mm Series 60 minutes fire rating and suitable for concrete filling



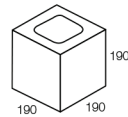
**20.42UNV\***  
Channel/Notch Block  
13.9 kg  
108 per pallet



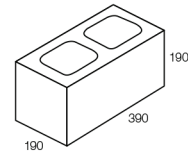
**Note:**  
→ Each pallet of 20.42UNV is packaged with 1 in 3 Universal 1 Closed End



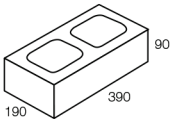
**20.02AG**  
Three Quarter  
13.7 kg  
96 per pallet



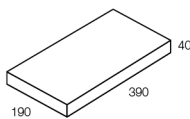
**20.03AG**  
Half  
8.9 kg  
144 per pallet



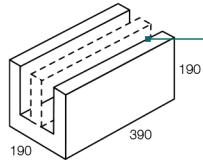
**20.01AG\***  
Standard Hollow  
15.5 kg  
90 per pallet



**20.71AG\***  
Half Height Hollow  
7.0 kg  
162 per pallet

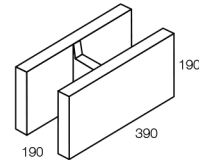


**Arenapave 190x390**  
Capping  
6.9 kg  
216 per pallet.



**20.12AG**  
Lintel Bond Beam  
18.0 kg  
72 per pallet

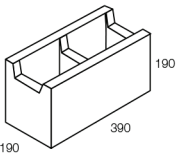
**Note:**  
Removable centre, knock out on site.



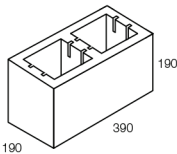
**20.48AG\***  
'H' Block  
14.2 kg  
90 per pallet

## Fire Rated Blocks

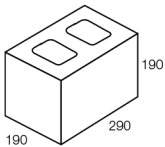
### Light Weight Structural 120 minutes fire rating and suitable for concrete filling



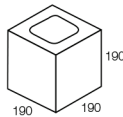
**20.20LWS\***  
Light Weight  
12.8 kg  
108 per pallet



**Note:**  
→ Each pallet of 20.20LWS is packaged with 1 in 3 Universal 2 Closed Ends

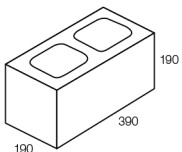


**20.02LWS**  
Three Quarter  
12.7 kg  
96 per pallet



**20.03LWS**  
Half  
8.3 kg  
144 per pallet

### Hollow 200mm Series 240 minutes fire rating



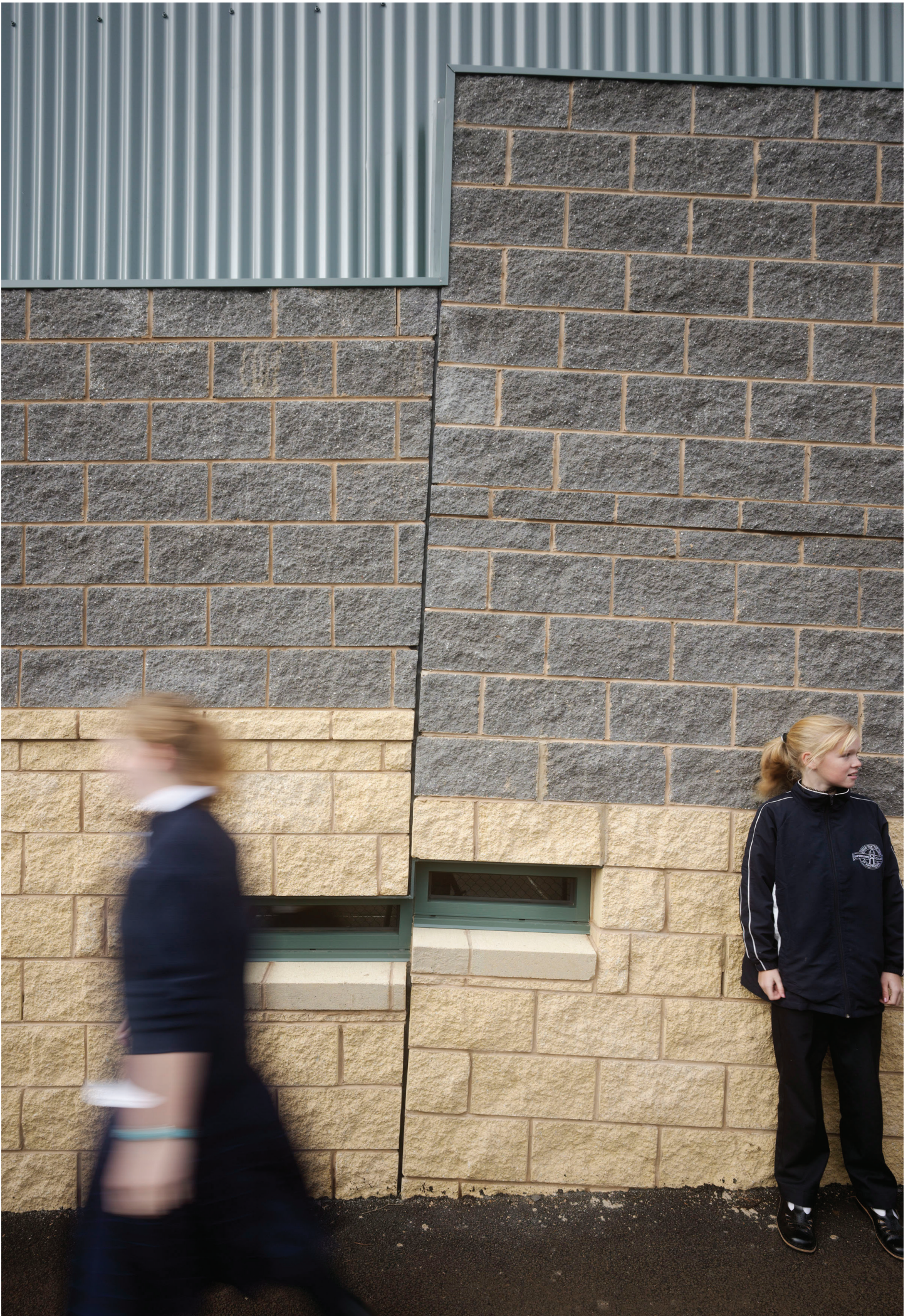
**20.401FR\***  
Standard Hollow  
14.9 kg  
90 per pallet

**Note:**  
No fractions available.

#### Note:

\* These products are sold by the full pallet (A part pallet will incur a part pallet make-up fee). • Lead time required for Melbourne metropolitan delivery of Grey Block is 2-3 working days pending stock availability





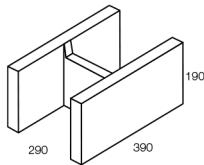




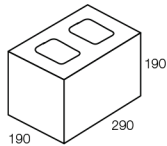


# 300 Series

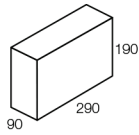
## Grey Blocks



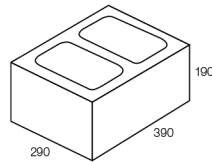
**30.48AG\***  
'H' Block  
19.6 kg  
72 per pallet  
 $f'_{uc} \geq 15\text{MPa}$



**20.02AG**  
Half and End  
13.4 kg  
96 per pallet



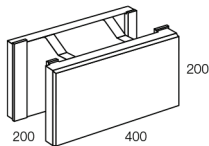
**10.332FR**  
End Closer/Capping  
10.5 kg  
192 per pallet



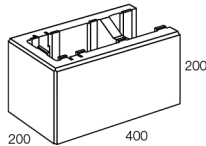
**30.01AG**  
Standard  
20.5 kg  
72 per pallet

# Mortarless Block System

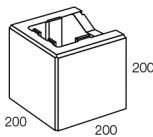
## 200mm Series



**Stretcher Unit\***  
17.5 kg  
60 per pallet



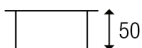
**End & Corner Unit**  
16.9 kg  
60 per pallet



**Half Unit**  
Capping  
9.4 kg  
100 per pallet

# Joint Reinforcement

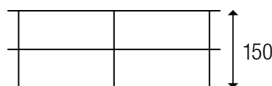
## Tram Track



**50mm**  
Used for  
100mm Series Block



**100mm**  
Used for  
150mm Series Block



**150mm**  
Used for  
200mm Series Block

**Note:** Sold in bundles of 20 x 2.9mtr lengths

# Mortar Additive



**20 Litre Drum**  
20 litres will lay up to  
1750 blocks

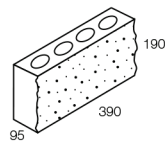
**Note:**  
\* These products are sold by the full pallet (A part pallet will incur a part pallet make-up fee). • Lead time required for Melbourne metropolitan delivery of Grey Block is 2-3 working days pending stock availability



# Designer Range

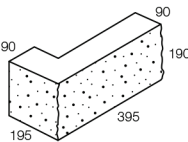
## Split Face Blocks

### 100mm Series

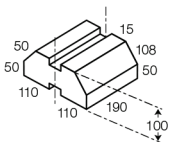


**10.101**  
Standard Split Face  
14.0 kg  
108 per pallet  
1 in 6 "universal" for ½ or ¾, to bolster on site.

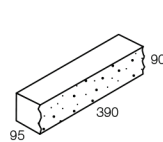
**Note:**  
All fractions are saw cut to order



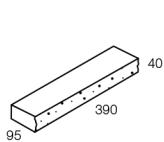
**10.26SP**  
Split Corner  
22.0 kg  
80 per pallet



**10.39**  
Double Sill  
7.9 kg  
220 double units per pallet. Bolster on site.

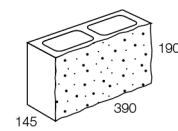


**10.109**  
Half Height  
7.3 kg  
216 per pallet



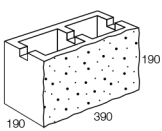
**10.117**  
Quarter Height  
3.5 kg  
432 per pallet

### 150mm Series

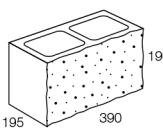


**15.101**  
Standard Split Face  
15.5 kg  
120 per pallet

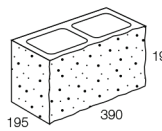
### 200mm Series



**20.142**  
Channel  
17.0 kg  
90 per pallet

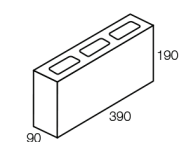


**20.101**  
Standard Split Face  
20.7 kg  
90 per pallet

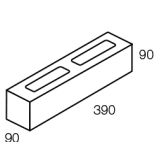


**20.192**  
Split Corner  
21.9 kg  
72 per pallet

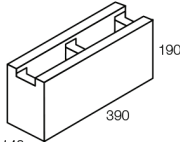
## Smooth, Honed and Polished Face Blocks



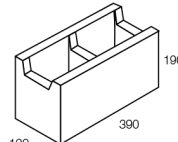
**10.01**  
Standard  
12.0 kg  
149 per pallet



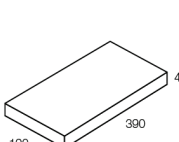
**10.71**  
Half Height Hollow  
5.6 kg  
300 per pallet



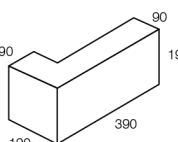
**15.20**  
Universal Hollow  
12.5 kg  
120 per pallet  
**Note:** Each pallet of 15.20 is packaged with 1 in 4 Universal 2 Closed Ends




**20.20**  
Universal Hollow  
15.5 kg  
90 per pallet  
**Note:** Each pallet of 20.20 is packaged with 1 in 3 Universal 2 Closed Ends



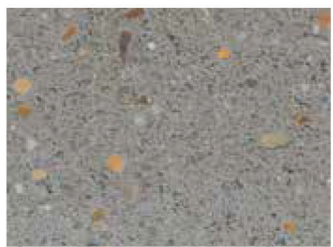
**ArenaPave 190x390**  
Capping  
6.9 kg  
216 per pallet



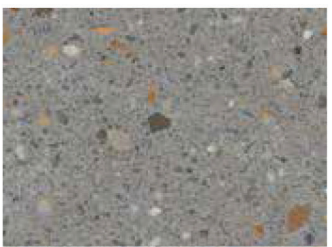
**10.26SM**  
Corner Return Solid  
17.8 kg  
96 per pallet  
**Note:** Not available in Honed or Polished




**Smooth Face**  
A finely textured finish created through the standard moulding process.



**Honed Face**  
The honed process grinds 2-3mm from the block surface, producing a matt exposed-aggregate finish.



**Polished Face**  
This involves taking a Honed Face and putting it through the additional polishing process. This enriches the colour of the aggregates.



**Split Face**  
The splitting process produces a bold textured, exposed aggregate finish.

## Available Colours

Off White, Oatmeal, Bluestone, Sandune, Pearl Grey, Limestone\* (\*only available in split face)

For more infomration or to request a colour sample, please contact your Selkirk Representative.

**Note:**  
\* These products are sold by the full pallet (A part pallet will incur a part pallet make-up fee). • Lead time required for Melbourne metropolitan delivery of Coloured Block is 2-3 weeks pending stock availability







| Block & Brick Estimator           | Full Height | Half Height | Qtr Height | Std Brick | Quick Brick |
|-----------------------------------|-------------|-------------|------------|-----------|-------------|
| Masonry unit face size (L x H mm) | 390 x 90    | 390 x 90    | 390 x 40   | 230 x 76  | 230 x 162   |
| No. Units per m <sup>2</sup>      | 12.5        | 25          | 50         | 50        | 25          |

**Material Quantities for 1m³ of Mortar**

- For every 800 full height blocks (390 long x 190 high) or 64m² of wall, approximately 1m³ of mortar mix is required, allowing for wastage.
- There are 12.5 full blocks per square metre of wall surface area.

|  | Grey Block                   |                     | Designer Range          |                     |
|--|------------------------------|---------------------|-------------------------|---------------------|
| M3   | Mix in 1:1:6 proportions     |                     | Mix in 1:5 proportions  |                     |
|  | Cement                       | 14 bags (20kg each) | Cement                  | 16 bags (20kg each) |
|  | Lime                         | 5 bags (20kg each)  | Designer Range Additive | 8 litres            |
|  | Sand                         | 1.2m³               | Sand                    | 1.2m³               |
| M4   | Mix in 1:0.5:4:5 proportions |                     | Mix in 1:4 proportions  |                     |
|  | Cement                       | 18 bags (20kg each) | Cement                  | 20 bags (20kg each) |
|  | Lime                         | 3 bags (20kg each)  | Designer Range Additive | 10 litres           |
|  | Sand                         | 1.2m³               | Sand                    | 1.2m³               |
| Note: Use clean, sharp sand and allow 20% for bulking. |                              |                     |                         |                     |

**Grout for Core Filling**

The correct grout specification (mix design) is critical to achieving the structural design of a reinforced wall. The grout used to fill the cores of blockwork walls should be specified as follows:

- Grout to comply with AS3700 Clause 10.7.
- Characteristic Compressive Strength 20MPa.
- Cement content not less than 300kg/m³.
- Round aggregate (if any) not bigger than 10mm.
- Clean sand (1.2m)
- A pouring consistency which ensures that the cores are completely filled and the reinforcement completely surrounded without segregation of the constituents.

| Core Fill Quantities |           |
|----------------------|-----------|
| Block Type           | 1m³ Grout |
| 15.48, 15.42         | 190       |
| 15.101               | 200       |
| 20.42                | 120       |
| 20.101               | 125       |
| 20.48                | 100       |
| 30.48                | 65        |
| Mortarless 200       | 93        |

**Control Joints**

Because of temperature variations and the shrinkage in a concrete masonry wall after construction, it is necessary to provide control joints in blockwork at a max. spacing of 6m and at points of potential cracking, e.g. beside openings and at large steps in wall or footing.

- Joint width is 10mm for panels up to 6000mm long.
- Joint sealants should be applied towards the end of construction to minimise the effect of panel movement.



**Product Disclaimer**

Concrete Blocks, Bricks, Pavers and Retaining Wall products supplied by National Masonry are manufactured using raw materials that inherently vary in nature. Whilst all effort is made to produce uniformity in our range of products, variation in colour, texture, and finish can be present. The dimensional characteristics of all products are nominal and variations in length, height, and width can occur from unit to unit which needs to be taken into consideration when installing these products.

Colour variations occur from batch to batch. Colours shown are indicative only and should not be used for final selection. Products ordered should be chosen from actual samples current at the time of order and are subject to availability. Samples, brochures and displays should be viewed as a guide only. Customers should ensure all delivered products are acceptable, and any concerns about products are made prior to laying.

All prices are subject to availability and can be withdrawn or varied without notice.  
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