# Block & Brick Product Guide

## Smooth Faced Blocks

All available in Natural Grey and Designer Block™ colours. All Designer Blocks are made to order and are subject to lead times.

### 100mm Series (f’cu = 15 MPa)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Weight</th>
<th>Pallet Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.01</td>
<td>Partition</td>
<td>11.2kg</td>
<td>158 per pallet</td>
</tr>
<tr>
<td>10.02*</td>
<td>Three Quarters Partition</td>
<td>8.6kg</td>
<td>212 per pallet</td>
</tr>
<tr>
<td>10.03</td>
<td>Half Partition</td>
<td>5.6kg</td>
<td>320 per pallet</td>
</tr>
<tr>
<td>10.04**</td>
<td>Quarter Partition</td>
<td>2.7kg</td>
<td>640 per pallet</td>
</tr>
<tr>
<td>10.31</td>
<td>Solid Partition</td>
<td>14.3kg</td>
<td>126 per pallet</td>
</tr>
<tr>
<td>10.32</td>
<td>Three Quarters Solid Partition</td>
<td>10.6kg</td>
<td>160 per pallet</td>
</tr>
<tr>
<td>10.33</td>
<td>Half Solid Partition</td>
<td>7.0kg</td>
<td>240 per pallet</td>
</tr>
<tr>
<td>10.34</td>
<td>Quarter Solid Partition</td>
<td>3.5kg</td>
<td>640 per pallet</td>
</tr>
<tr>
<td>10.71</td>
<td>Half Height Partition</td>
<td>5.6kg</td>
<td>315 per pallet</td>
</tr>
<tr>
<td>10.72</td>
<td>Half Height Partition</td>
<td>4.2kg</td>
<td>424 per pallet</td>
</tr>
<tr>
<td>10.73</td>
<td>Half Height Partition</td>
<td>2.8kg</td>
<td>540 per pallet</td>
</tr>
<tr>
<td>10.74</td>
<td>Half Height Partition</td>
<td>1.4kg</td>
<td>572 per pallet</td>
</tr>
<tr>
<td>10.83</td>
<td>Solid Half Height Partition</td>
<td>6.5kg</td>
<td>252 per pallet</td>
</tr>
<tr>
<td>10.84</td>
<td>Solid Half Height Partition</td>
<td>4.9kg</td>
<td>344 per pallet</td>
</tr>
<tr>
<td>10.85</td>
<td>Solid Half Height Partition</td>
<td>3.3kg</td>
<td>512 per pallet</td>
</tr>
</tbody>
</table>

### 150mm Series (f’cu = 15 MPa)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Weight</th>
<th>Pallet Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.01</td>
<td>Standard Block/Double Corner</td>
<td>12.8kg</td>
<td>95 per pallet</td>
</tr>
<tr>
<td>15.02</td>
<td>Three Quarters</td>
<td>10.7kg</td>
<td>140 per pallet</td>
</tr>
<tr>
<td>15.03</td>
<td>Half</td>
<td>6.4kg</td>
<td>240 per pallet</td>
</tr>
<tr>
<td>15.04***</td>
<td>Quarter Solid Partition</td>
<td>3.5kg</td>
<td>160 per pallet</td>
</tr>
<tr>
<td>15.15</td>
<td>Lintel</td>
<td>7.1kg</td>
<td>210 per pallet</td>
</tr>
<tr>
<td>15.22</td>
<td>Special Corner</td>
<td>11.2kg</td>
<td>110 per pallet</td>
</tr>
<tr>
<td>15.71</td>
<td>Half Height Double Corner</td>
<td>6.0kg</td>
<td>190 per pallet</td>
</tr>
<tr>
<td>15.72</td>
<td>Half Height Three Quarter</td>
<td>4.5kg</td>
<td>280 per pallet</td>
</tr>
<tr>
<td>15.73</td>
<td>Half Height Half</td>
<td>3.0kg</td>
<td>420 per pallet</td>
</tr>
<tr>
<td>15.97</td>
<td>Special Height Half Corner</td>
<td>5.2kg</td>
<td>220 per pallet</td>
</tr>
<tr>
<td>15.83</td>
<td>Solid Half Height</td>
<td>10.3kg</td>
<td>152 per pallet</td>
</tr>
<tr>
<td>15.91</td>
<td>Double ‘U’ Block</td>
<td>13.1kg</td>
<td>95 per pallet</td>
</tr>
<tr>
<td>15.42</td>
<td>Recessed Web</td>
<td>11.0kg</td>
<td>95 per pallet</td>
</tr>
<tr>
<td>15.92</td>
<td>Corner ‘U’ Block</td>
<td>10.0kg</td>
<td>95 per pallet</td>
</tr>
</tbody>
</table>

**NOTE:** 10.02 cut from 10.01  ** 10.04 cut from 10.02  *** 15.04 cut from 15.01
Smooth Faced Blocks
All available in Natural Grey and Designer Block™ colours. All Designer Blocks are made to order and are subject to lead times.

**200mm Series** \( (f'_{uc} = 15 \text{ MPa}) \)

- **20.01** Standard Block/Double Corner
  - 15.3kg
  - 90 per pallet

- **20.02** Three Quarter
  - 13.0kg
  - 100 per pallet

- **20.03** Half
  - 9.0kg
  - 150 per pallet

- **20.04** Quarter
  - 6.1kg
  - 240 per pallet

- **20.71** Half Height Double Corner
  - 8.0kg
  - 150 per pallet

- **20.72** Half Height Three Quarter
  - 6.0kg
  - 200 per pallet

- **20.73** Half Height Half Quarter
  - 4.0kg
  - 300 per pallet

- **20.74** Half Height Quarter
  - 2.5kg
  - 640 per pallet

- **20.42** Recessed Web
  - 15.9kg
  - 90 per pallet

- **20.91** Double 'U' Block
  - 15.3kg
  - 75 per pallet

- **20.92** Double 'U' Corner
  - 13.5kg
  - 75 per pallet

- **20.15** Lintel Sash
  - 8.0kg
  - 195 per pallet

- **50.31** Capping
  - 8.2kg
  - 300 per pallet

**300mm Series**

- **30.14** Full End
  - 20.8kg
  - 70 per pallet

- **30.91** Double 'U' Block
  - 21.7kg
  - 55 per pallet

Scoria Blend Blocks
All available in Natural Grey.

**150mm Fire Series** \( (f'_{uc} = 10 \text{ MPa}) \)

- **15.201SB** Double Corner
  - 12.5kg
  - 95 per pallet

**200mm Fire Series** \( (f'_{uc} = 10 \text{ MPa}) \)

- **20.201SB** Standard Block/Double Corner
  - 13.6kg
  - 90 per pallet
Split Faced Blocks
All available in Designer Block™ colours. All Designer Blocks are made to order and are subject to lead times.

10.101
Full Height
15.5kg
120 per pallet

10.109
Half Height
7.4kg
240 per pallet

20.101
Full Height
18.35kg
90 per pallet

Footing Blocks (f’uc = 15 MPa) unless noted
Available in Natural Grey.

10.33
Pier Block
7.0kg
240 per pallet

20.33
Pier Block
15.9kg
120 per pallet

30.350
Base Block
24.4kg
60 per pallet

Connex™ Mortarless Block System
Available in Natural Grey.

150mm Series

conn150st
Stretcher Unit
13.8kg
76 per pallet

conn150cr
Corner and End Unit
10.8kg
76 per pallet

conn150a
150 End Unit
6.2kg
114 per pallet

200mm Series

connst
Stretcher Unit
16.0kg
60 per pallet

conncr
End and Corner Unit
16.0kg
60 per pallet

connhh
Half Unit
9.0kg
120 per pallet

Bricks
All available in Natural Grey.

celtr
Celtex Frog Render
3.5kg
480 per pallet

celtf
Celtex Solid Render
3.8kg
480 per pallet

celtrr
Traditional
3.8kg
480 per pallet

10.735
Modular
4.6kg
400 per pallet

celtsu
Superceltex Cored
7.8kg
224 per pallet

celtstr
Super Traditions Core
7.8kg
224 per pallet

celtsho
Super Traditions Hollow
6.2kg
224 per pallet

celtshotr
Super Traditions Hollow
6.2kg
224 per pallet
Approximate Material Quantities for 1m³ of Mortar

<table>
<thead>
<tr>
<th></th>
<th>Grey Block</th>
<th>Designer Block™</th>
</tr>
</thead>
<tbody>
<tr>
<td>m³</td>
<td>Mix in 1:1:6 proportions</td>
<td>Mix in 1:5 proportions</td>
</tr>
<tr>
<td>Cement</td>
<td>7 bags (40kg each)</td>
<td>8 bags (40kg each)</td>
</tr>
<tr>
<td>Lime</td>
<td>5 bags (20kg each)</td>
<td>Designer Block™ Additive: 27 litres</td>
</tr>
<tr>
<td>Sand</td>
<td>1.2m³</td>
<td>Sand: 1.2m³</td>
</tr>
<tr>
<td>m⁴</td>
<td>Mix in 1:0.5:4.5 proportions</td>
<td>Mix in 1:4 proportions</td>
</tr>
<tr>
<td>Cement</td>
<td>9 bags (40kg each)</td>
<td>10 bags (40kg each)</td>
</tr>
<tr>
<td>Lime</td>
<td>3 bags (20kg each)</td>
<td>Designer Block™ Additive: 27 litres</td>
</tr>
<tr>
<td>Sand</td>
<td>1.2m³</td>
<td>Sand: 1.2m³</td>
</tr>
</tbody>
</table>

Note: Use clean, sharp sand and allow 20% for bulking.

- There are 12.5 full blocks per square metre of wall surface area.
- For every 800 blocks or 64m² of wall, about 1m³ of mortar mix is required, allowing for wastage.

Corner Details

300mm 200mm blocks maintain bond without special blocks other than 20.92

100mm 10.109mm walls can be done in a similar manner. For smooth, coloured block, off-cut is 90mm.
Colour and Texture Specifications

1. **Stock colours and textures** Lead times vary depending on project size and product type. Boral recommends that part sizes are cut/bolstered on site to maintain colour consistency. Part size blocks can be made to order.

2. **Textures** Shot blast finished products are made to order. Lead times apply as the product must be cured for six weeks to harden sufficiently before processing. Contact your nearest Boral Masonry office for approximate lead times and premiums on special textured finishes. Allow 4 weeks lead time for Smooth and Split face units.

3. **Colour and texture variation** The supply of raw materials can vary over time. In addition, variation can occur between product types and production batches. Variations in colour and texture can occur between product types and production batches. Customers should ensure that all delivered products are acceptable and any concerns about products should be made known prior to laying.

4. **Strength** As stated in this design guide all Boral Masonry units suitable for reinforced core filling are made to a minimum grade strength of 15 MPa, as per AS 3700 6.3.1. Higher strengths can be achieved for our natural Grey units for core-filling load-bearing purposes as per engineers specific requirements.

5. **Contact** Contact our sales office for specific fire rated products available in our Scorial Blend units.

6. **Strength** We reserve the right to change the details in this publication without notice.

7. **Contact** For a full set of Terms and Conditions of Sale please contact your nearest Boral Masonry sales office.

Contact

For technical assistance call **1300 360 255**

To locate your nearest Boral stockist, to receive brochures or to learn more about our products, call **1300 134 002** or visit our website at: **www.boral.com.au/blocks**

Industry memberships:

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