SIZES

Concrete masonry units are made in various sizes and shapes to fit different construction needs. (See Section 3.1 – Masonry Standards Commentary for additional information) Typical shapes include stretcher; double end; half unit; bond beam; half-high unit; H-block unit; multi-block unit (See over). Each size and shape is also available in various profiles and surface treatments.

Concrete unit sizes are usually referred to by their nominal dimensions. Thus, a unit known as 200x200x400mm will actually measure 190x190x390mm. When it is laid in a wall with 10mm joints, this unit will occupy a space 400mm long and 200mm high.

<table>
<thead>
<tr>
<th>Horizontal</th>
<th>Module: 200mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block:</td>
<td>390mm</td>
</tr>
<tr>
<td>Joint:</td>
<td>10mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vertical</th>
<th>Module: 200mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coursing:</td>
<td>1c = 200mm</td>
</tr>
<tr>
<td>Block:</td>
<td>190mm</td>
</tr>
<tr>
<td>Joint:</td>
<td>10mm</td>
</tr>
</tbody>
</table>

The 125mm unit (actually 115mm wide) is the narrowest block capable of:

- being reinforced for seismic zones
- 1 hour fire-rating hollow
- 2 hour fire-rating grouted solid
- STC of 46 (STC 50 when grouted solid)

It is useful as either a partition or exterior back-up to claddings.
SHAPES

Double-ender

Half

Stretcher

Half-high

Bond-beam

H-Block

Multi-block

L-corner (100mm)

The H-Block unit offers special structural advantages:

- Easily accepts heavy reinforcing
- Creates a nearly monolithic slab of concrete when grouted solid
  
  (See Structural Wall Types Section 1.2.2 p.2)

Available in all architectural finishes
**Groundface Units**

Units are now produced with a ground, polished stone appearance. They are available in all sizes and colours.

See manufacturer's product information and samples for details.

**Profiles & Textures**

- Bullnose
- Triple-score return
- Single-score
- Split ledge
- Split face
- Half-high split
- Two-rib split
- Three-rib split
- Four-rib split return
- Six-rib split return