



**Product Technical Statement | Austral Masonry Series**  
**GB Stone, GB Aspect Honed, GB Honed, GB Split Face, GB Smooth, GB Sandstone Rock Face**

**Description**

The Austral Masonry range of masonry blocks manufactured to AS/NZS 4455.1 and are available in a range of sizes and configurations. They are intended to be used as either used as masonry wall systems of residential and commercial buildings as well as use as internal feature and intertenancy walls.

**Code compliance**

The products will, if installed in accordance with the conditions and limitations listed in the certificate, will comply with or contribute to compliance with the following clauses of the New Zealand Building Code.

- **Structure** B1.3.1, B1.3.2, B 1.3.3 (a,b,d f,h,j)
- **Durability** B2.3.1 (a)
- **Fire affecting areas beyond the fire source** C3.5, C3.6, C3.7 (a)
- **External Moisture** E2.3.2
- **Hazardous Building Materials** F2.3.1
- **Airborne and impact sound** G6.3.1
- **Energy Efficiency** H1.3.1, H1.3.3 (a)

**Scope of Use**

The Masonry is for buildings which are:

- Within the scope of E2/AS3 (Amendment 9) (which is set out in section 1.1.1 of CCANZ CP 01:2014) and;
- Within the scope of B1/AS1 (Amendment 18) which for concrete masonry buildings is set out in section 1.1.3 of NZS 4229:2013

**Scope and Limitations of use**

1. The Masonry must be designed in accordance with the requirements of:
  - CCANZ CP 01:2014 (as modified by E2/AS3 (Amendment 18)
  - NZS 4229:2013 (as modified by B1/AS1 (Amendment 18)
2. Where used as a wall system where the Building Code obligations of G6 Airborne and impact sound apply, the wall system must meet the requirements of detail 1 of Figure 2 of G6/AS.
3. For calculating the Fire Resistance Rating (FRR) for different Masonry systems to achieve compliance with C 3.6, refer to the Product Data Sheets for each product.
4. Mortar, materials (cement, sand and mixtures) shall comply with NZS 4210

**Maintenance Information**

Inspect and wash exterior surfaces to remove dirt and mould at least once in a year.

- Comprehensive information on maintenance of masonry blocks can be found at <https://cmaa.blob.core.windows.net/media/1004/cm03-concrete-masonry-cleaning-and-maintenance.pdf>

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### **Reference material**

- General design information for Masonry in New Zealand can be found at [https://concretenz.org.nz/page/masonry\\_manual](https://concretenz.org.nz/page/masonry_manual)
- Product technical data sheets can be found at <https://australmasonry.com.au/nsw/technical-information/#>
- Product safety data sheets can be found at <https://bbp.style/PUBLIC/products/technical-information/australmasonry/AM-GB-Masonry-SafetyDataSheet-NAT.pdf>
- GB Masonry Collection Fire and Sound Manual can be found at <https://bbp.style/PUBLIC/products/technical-information/australmasonry/AM-GB-Masonry-SafetyDataSheet-NAT.pdf>
- Guidance on alternative acoustic designs (including for considerations for sound transmission not covered in the requirements of G6 can be found at [http://www.nzcma.org.nz/document/279-25/NZCMA\\_MM\\_-\\_2.4\\_-\\_Acoustic\\_Performance.pdf](http://www.nzcma.org.nz/document/279-25/NZCMA_MM_-_2.4_-_Acoustic_Performance.pdf)
- Guidance on thermal design of masonry can be found at [http://www.nzcma.org.nz/document/279-25/NZCMA\\_MM\\_-\\_2.3\\_-\\_Thermal\\_Performance\\_-\\_18-02.pdf](http://www.nzcma.org.nz/document/279-25/NZCMA_MM_-_2.3_-_Thermal_Performance_-_18-02.pdf)

### **Contact details**

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