



Product Technical Statement | Austral Masonry Series GB Veneer Split Face and GB Veneer Sawn Face

Description

The Austral Masonry range of masonry veneer bricks manufactured to AS/NZS 4455.1 2008 and are available in a range of sizes and configurations as set out in table below. They are intended to be used as either brick veneer cladding systems of residential and commercial buildings as well as use as internal feature walls.

The specific products within the range are:

- 10-01 Full, 390 x 90 x 190 (L x W x H (mm)), 10.00 kg
- 10-02 Three Quarter, 290 x 90 x 190, 7.55 kg
- 10-03 Half, 190 x 90 x 190, 4.80 kg
- 10-71 Half Height, 390 x 90 x 90, 5.19 kg
- 10-38 Half Height Sill, 130 x 190 x 90, 3.72 kg
- 10-25 Corner Return, 390 x 190 x 190, 13.57

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, f, h, j q), B 1.3.4
- **Durability** B2.3.1 (a)
- **External Moisture** E2.3.2, E2.3.7
- **Hazardous Building Materials** F2.3.1

Scope of Use

1. The Masonry is for buildings which are:
 - Within the scope of E2/AS1 (Amendment 9)
 - Within the scope of section 1.1.2 (o) of NZS 3604:2011

Conditions and Limitations

2. Foundation systems supporting the veneer (including any internal feature walls) must consist of concrete slab-on-ground systems complying with either the requirements of NZS 3604:2011 or NZS 4229:2013 (both as modified by B1/AS1).
3. Internal walls supporting internal feature walls shall be specifically engineered to ensure that they can carry the loads by the veneer system or alternatively designed and built to the same criteria used for an external wall for the same building.
4. The Veneer systems must be designed and installed in accordance with the requirements of E2/AS1 section 9.2.
5. Internal feature walls shall have the same details (e.g. spacing, embedment and corrosion resistance) for brick ties as for external use on the same building. Other details set out in E2/AS1 are not required except for the control joint requirements.
6. Mortar, materials (cement, sand and mixtures) shall comply with NZS 4210:2001.



Technical Specifications

The bricks have the following performance:

- Dimensional Category is DW2
- Unconfined Characteristic Compressive Strength is > 15 MPa
- Durability Classification is exposure grade
- Cold Water Absorption is < 3%
- Coefficient of Expansion is 0 mm/m

Maintenance Information

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

Contact details

Any technical enquiries should be sent to NZ Brick Distributors who can be contacted at:
Free Phone: 0800 274 257 | E-mail: sales@nzbrickdistributors.co.nz

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