



**CODEMARK™**

**Product description**

Enviro Panel is a cavity based autoclaved aerated concrete (AAC) panel system.

**Panel size:**  
75mm x 600mm x 2000mm  
50mm x 600mm x 2000mm

**Product purpose or use**

Enviro Panel is used for exterior wall cladding, fencing, and flooring solution

**Certificate holder**

Masons Plastabrick Ltd  
9A Parkhead Place  
Albany Auckland 0632 NZ  
www.mpb.co.nz

**CodeMark certification body**

CertMark Australasia Ltd  
(ACN 154 306 804)  
JAS-ANZ Accreditation No. Z4450210AK  
PO Box 231 Tuakau NZ 2121  
www.certmark.co.nz

# CERTIFICATE OF CONFORMITY

This is to certify that



## Enviro® Panel System



**Complies with the New Zealand Building Code:**

1. NZBC Structure B1.3.1, B1.3.2 and B1.3.4
2. NZBC Durability B2.3.1(b)
3. NZBC Protection from Fire C3.4 (a) walls C3.5 Spread of fire C3.6 (buildings within one metre of a shared boundary)
4. NZBC External Moisture E2.3.2, E2.3.3, E2.3.5, (As applicable to concrete wall systems)
5. NZBC Building Materials F2.3.1

**Subject to the following conditions and limitations:**

1. Only to be installed in accordance with the Masons Enviro AAC Panel System Technical Manual & Installation Guide September V3 2013.
2. All joinery used in conjunction with the Enviro® Panel System must meet the requirements of NZS 4211:2008.
3. All installations must be done in accordance with Masons Plastabrick Building Product Quality Plan (BPQP dated 5/10/10 Version 1).
4. Is considered to meet the performance requirements of NZBC C3.4 (a), C3.5, and C3.6 for use as an external wall cladding however it is restricted to:
  - \* Single storey buildings 1m or more from the boundary for all purpose groups.
  - \* Buildings up to 7m high 1m or more from the boundary, for all purpose groups other than SC.

John Thorpe  
Director  
CertMark Australasia Pty Ltd

05/04/2013  
Date of issue

CMA-CM40041(Rev2)  
Certificate Number  
Revised April 2014



- This certificate is issued by an independent certification body accredited by the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation & Employment (MBIE) under the Building Act 2004. MBIE does not in any way warrant, guarantee, or represent that the building method or product the subject of this certificate conforms to the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. MBIE disclaims, to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate.
- It is advised to check that this Certificate of Conformity is currently valid and not withdrawn, suspended or superseded by a later issue by referring to the MBIE website, <http://www.mbie.govt.nz/>
- This certificate may only be reproduced in its entirety





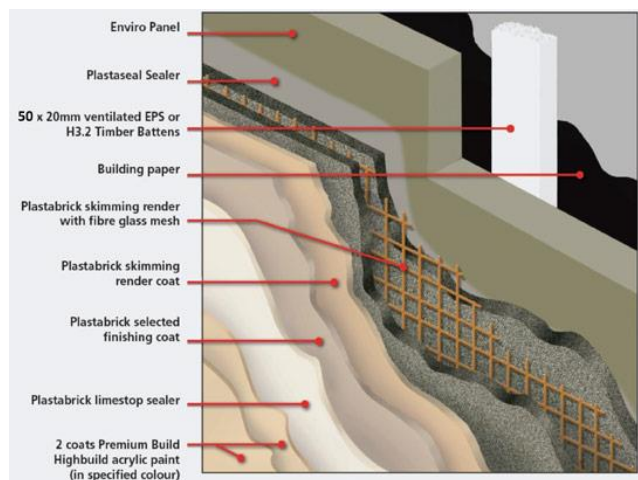
**CertMark Australasia Pty Ltd  
 Assessment Brief**  
 For  
**Masons Enviro® AAC Panel System**  
 Certificate Number: CMA-CM40041

**Purpose**

Masons Enviro® AAC Panel System is a cladding system using 2000mmx600mmx50mm steel-reinforced AAC panels glued and screwed to the timber framing creating an airflow cavity system, utilizing a 20mm -45mm cavity batten system to provide a flat surface for a render finish.

Masons Enviro® AAC Panel System has been designed for homes built using either timber or steel framing and can be used in new dwelling construction, second storey additions, extensions, and for re-cladding.

The system consists of 50mm or 75mm thick steel-reinforced Masons Enviro® AAC Panel System, installed horizontally and secured to Masons Enviro® AAC Panel system cavity battens. The battens are secured to the frame using nails for timber frame or screws for steel frame.



**Certificate Holder**



Masons Plastabrick Ltd  
 9A Parkhead Place  
 Albany, Auckland 0632  
 NEW ZEALAND

**Assessment Brief: CMA-AB40041(Rev2)**

<b>TECHNICAL OPINION</b>
<p>In the opinion of CertMark Australasia Pty Ltd (CMA), the Masons Enviro AAC Panel System Wall System meets the requirements under the following conditions:</p> <ul style="list-style-type: none"> <li>• The System is installed in accordance with Masons Enviro AAC Panel System Technical Manual &amp; Installation Guide September V3 2013 or subsequent updated versions.</li> <li>• Annual Audits are made once a year to ensure that the product, manufacturer and client are meeting the requirements given at the time of Certification.</li> </ul> <p><b>New Zealand Building Code</b></p> <p>In the opinion of CMA, the system described in this CodeMark Assessment Brief and installed under the conditions listed herein will satisfy the Performance Requirements.</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>1 The inclusion of this clause with reference to the NZBC is aimed at assisting those involved in the design; specifying and building approval/permit process relate the Appraisal to the relevant Performance Requirements of the NZBC.</li> <li>2 Any changes made to the NZBC will be reviewed during the term of validity of this CodeMark Assessment Brief and, where necessary, any amendment required will be published.</li> </ol>
<b>SCOPE AND RELEVANT LIMITATIONS</b>
<p>The Masons Enviro<sup>®</sup> AAC Panel System has been assessed and certified under the CodeMark Scheme as a compliant external wall cladding system for buildings within the following scope:</p> <ol style="list-style-type: none"> <li>1 Scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1; and,</li> <li>2 Weather tightness and structural wind loading when used for timber or steel framed buildings subject to specific design up to a design differential ultimate limit state (ULS) wind pressure of 2500 Pa.</li> <li>3 The risk score in accordance with NZBC Acceptable Solution E2/AS1 is 0-20.</li> <li>4 Constructed with timber framing complying with the NZBC; and,</li> <li>5 Constructed with steel framing complying with the NZBC; and,</li> <li>6 All joinery used in conjunction with this system must meet the requirements of NZS 4211.</li> <li>7 Must be used in conjunction with aluminium window and door joinery that is installed with vertical jambs and horizontal heads and sills.</li> <li>8 Only to be installed by suitably qualified and licensed contractors trained and certified by Masons Plastabrick Ltd.</li> </ol>
<b>RELATED INFORMATION</b>
<p><b>VALIDITY OF THE OPINION</b></p> <p><b>Condition:</b></p> <p>This CodeMark Assessment Brief applies only to Masons Enviro AAC Panel System wall system as described herein,</p>

<p>an in Masons Enviro AAC Panel System Technical Manual &amp; Installation Guide September V3 2013. Any and all other components of the building are not covered by either this assessment brief or the CodeMark Certificate. It is the responsibility of the Designer/Builder to ensure compliance with any and all NZBC regulation and requirements.</p> <p><b>Withdrawal:</b></p> <p>The CodeMark Assessment Brief will be withdrawn or amended if CMA considers that a change in design or manufacturing quality renders the basis of the appraisal invalid, or if reported field experience convinces CMA of unsatisfactory quality or performance.</p> <p><b>Term of Validity:</b></p> <p>This CodeMark Assessment Brief will lapse three years after the date of issue unless revalidation has been requested and granted.</p> <p><b>RELEVANT DOCUMENTS</b></p> <ul style="list-style-type: none"> <li>• Masons Enviro AAC Panel System Technical manual &amp; Installation Guide September V3 2013.</li> <li>• Australian Building Codes Board, New Zealand Building Code.</li> <li>• Relevant Australian Standards.</li> <li>• Relevant International standards.</li> </ul> <p><b>ASSESSMENT BRIEF OPINION EXTRACT</b></p> <p>The Masons Enviro AAC Panel System Wall System as supplied by Masons Plastabrick Ltd. will satisfy the performance requirements of the NZBC as detailed on CodeMark Certificate # CMA-CM40041.</p> <p><b>Complies with the New Zealand Building Code</b></p> <ol style="list-style-type: none"> <li>1 NZBC 2013, Structure. B1.3.1, B1.3.2.</li> <li>2 NZBC 2013 Durability. B2.3.1(b).</li> <li>3 NZBC 2013 Protection from Fire. C3.4 (a) walls C3.5 Spread of fire C3.6 (buildings within one Meter of a shared boundary).</li> <li>4 NZBC 2013 External Moisture E2.3.2, E2.3.3, E2.3.5, (As applicable to concrete wall systems).</li> <li>5 NZBC 2013 Hazardous Building Materials F2.3.1.</li> </ol>
<b>APPRAISAL</b>
<p>No. C926 [2010] Masons Enviro<sup>®</sup></p> <p><b>General:</b></p> <p>The system consists of autoclaved aerated concrete (AAC) panels (Masons Enviro<sup>®</sup> AAC Panel) 50mm x 600mm and 2000mm , fixed over either high density polystyrene or timber H3.2 timber battens forming a 20mm cavity or H3.2 timber Masons Enviro<sup>®</sup> Tie battens to form a 45mm cavity.</p> <p>The coating system consists of a 4-5mm thick fiberglass mesh reinforced, base coat plaster, followed by the application of a plaster levelling coat, which is finished with the application of 1-2mm thick finishing plaster that is then painted with a 100% acrylic exterior paint system, alternatively can be finished with an acrylic texture</p>

coating system.

The Masons Enviro AAC Panel System has been designed for homes built using either timber or steel framing and can be used in new dwelling construction, second storey additions, and extensions and for re-cladding.

As the mass of Masons Enviro® AAC Panel is approximately 25kg/m<sup>2</sup> and when the Plastabrick Plaster System is applied, the wall cladding is then considered a “medium wall cladding” in terms of NZS 3604.

Note: Testing has demonstrated that there is adequate resistance to reasonable impact loads that the cladding system is likely to be subjected to when used in a residential situation. However, it is noted that there is a higher likelihood of impact damage if the system is utilised in light Commercial environment. Appropriate steps should be taken to protect the system in such circumstances.

**Benefits**

- Easy to handle and install, 2 people can position with no lifting device required.
- Fire resistant, with a fire rating of up to 90 minutes, meaning you can build up to the boundary line.
- A 2000mm Panel is equivalent in area to 58 bricks and takes a fraction of the time to put in place.
- Easily worked with standard tools.
- Not a food source for vermin.
- Greater thermal efficiency than brick veneer or even double brick, resulting in reduced heating and cooling.

**Components:**

System Component	Function
Masons Enviro® AAC Panel System Panels	Wall panel forming the main structural component of the system. 2000mm X 600mm X 50mm
Nails	90mm Galvanised ring-shank nails complying to compliance document 5 E2.AS1 Table 20.
Screws	14 X 75mm Class 3 Bulge head and 14 X 100m Class 3 Bulge head screws (stainless steel screws in sea spray zones) are used for fixing the Masons Enviro® Panels, all screws shall comply with Compliance Document E2/AS1 Table 20.
Sealants	Low expandable PU foam that complies with AAMA 812-04 for use in control joints of Masons Enviro® Panels. BOSTIK safe seal or an approved paintable urethane sealant should be applied in strict accordance with the manufacturer’s specifications.
Anti-Corrosion Paint	CRC Zinc it (aerosol can 350g) or similar complying with AS/NZS 2311:2000, Part 2.3 is applied to all exposed reinforcing steel.

Vents	50 X 100mm aluminium vents manufactured by Plastabrick.
Tape	Protecto EIFS tape or NZ Tape Specialists future seal tape. Approved flexible flashing tape (this refers to a product that complies with the performance requirements of the New Zealand Building Code Inseal -3259 single sided foam tape Masons Barricade PLUS Tape).
Flashings and Mouldings	Masons PVC reveal bead flashing. Masons PVC sill flashing powder coated aluminium head flashing. Masons PVC base show and cavity closure. Masons PVC vented cavity closure. Masons PVC corner soaker.
Adhesive	All PVC flashings and mouldings are glued to the Masons Enviro® Panel using BOSTIK safe seal construction adhesive.
Plaster System	Plastabrick AAC coating system is used over Masons Enviro® Panels. Plastabrick reinforcing mesh. Plastabrick pre-meshed corner beads.
Plastaseal	Sealant for the AAC Panel.
Mortar Glue	Plastabrick AAC jointing glue supplied by Plastabrick for use in jointing and stopping of Masons Enviro® Panels.
Damp Proof Coursing (DPC)	Masons DRYFIX DPC supplied by Plastabrick.

**DESIGN INFORMATION**

**Masons Plastabrick Plaster Specifications**

**1mm Finishing Plaster:** Factory-mixed polymer modified cement based finishing plaster.

**Pre-Coloured Texture Finishing Plaster:** Factory-mixed 100% acrylic plaster.

**Adobe Finishing Plaster:** Polymer modified, cement based plaster.

**Skimming Render:** A specially blended polymer modified cement based plaster. Apply two coats **Plastabrick Premium Build** 100% acrylic latex paint to the exterior plastered surfaces. Visit [www.masonsplastabrick.co.nz](http://www.masonsplastabrick.co.nz) to download the Masons Enviro AAC Panel specification.

**Damaged Panels:**

Masons Enviro AAC Panel has the same natural rigidity as cement/concrete products. Damage to some panels' edges & corners can be expected & will occur during handling & cartage. Selection is needed when planning the placement of any damaged panel to ensure waste is kept to a minimum, allow 10% for wastage in pricings. Also allow 10 bugle head screws per Masons Enviro AAC sheet for quantifying purposes

**Footings:**

Panels should be seated on a rebated step down or can be

fixed overhanging a concrete or timber floor in accordance with NZS 3604:2011 Section 7.10.

**Framing:**

Steel studs or Timber studs should be placed at not more than 600mm ctrs. Framing strength must comply with the relevant NZ Standards for general framing construction suitability for the building.

**Bracing:**

Steel framed walls or timber framed walls are to be braced in accordance with wall claddings shown in NZS 3604:2011 and is to be based on the combined weight of Masons Enviro AAC Panel and the coating system used.

**Wall Wrap:**

Wall wrap must be fixed to the exterior wall framing prior to installation of Masons AAC Enviro Ties & Masons Enviro AAC Panels. Ensure wrap is continuous around corners and install horizontally. Masons Barricade Building Wrap or similar building wrap to comply with compliance document E2/AS1 table 23 is recommended.

**PVC Flashings:**

All head, sill, jamb and base mouldings are made from rigid uPVC suitable for exterior applications and supplied by Masons Plastabrick or one of its licensed distributors. Proprietary Masons head flashings must be installed over all window heads and door openings. Masons head flashings have been specially designed to allow moisture to egress the system should it enter anywhere above a penetration. It is critical that the building paper is taped onto the head flashing using Protecto tape or NZTS futureseal tape to ensure any potential water flow is tracked in the right direction. If a Masons head flashing cannot be used, an acceptable alternative flashing system must be provided and approved.

The jambs on recessed joinery must be flashed with Mason's jamb flashings and sealed. Sills on recessed joinery shall use Mason's uPVC sill flashings in conjunction with Mason's corner soakers to form a continuous uPVC joint between the sill and the jamb flashing. Where a Mason's sill flashing cannot be used, an acceptable alternative flashing system must be provided and approved.

**Note:**

The details for any alternative flashings are the responsibility of the designer. All base beads and head flashings are punched to achieve minimum ventilation openings of 1000m<sup>2</sup> per lineal metre.

**PRE-INSTALLATION CHECKS:**

There are a number of pre-installation checks recommended by for the installation of the Masons Enviro® AAC Panel System. Attention is drawn to Masons Enviro® AAC Panel System Technical Manual & Installation guide September V3 2013. In particular it is recommended that the following 10 points be strictly

adhered to:

- 1 Make sure the concrete slab has a rebate minimum of 100mm.
- 2 It is important to ensure that the panel is able to be seated on the foundation. In the case of uneven areas it is recommended that a mortar bed should be laid to form a level the rebate platform.
- 3 With cantilevered panels, ensure that the Masons base shoe is installed to close off cavity as per Masons Enviro AAC Panel System Technical Manual & Installation Guide September V3 2013.
- 4 Ensure the studs of the external walls are straight, plumb & true.
- 5 Studs are at no more than 600mm centres.
- 6 Ensure water pipes, gas pipes, electrical wiring and services will not be penetrated by the fixings.
- 7 Place the panels around the building making sure they are not in contact with the ground.
- 8 Place damaged panels in a situation where the damage can be removed through cutting for openings.
- 9 Damaged panels can be repaired using a sand based mortar if necessary.
- 10 Ensure builder has completed items as set out in the pre-cladding checklist attached prior to installation of the Masons Enviro AAC Panel.

**INSTALLATION:**

**Cutting:**

Masons Enviro® AAC Panels are cut using a metal cutting blade.

Note: It is imperative that CRC anticorrosion paint is to be applied to all exposed reinforcing in the panels. Failure to do this will result in the reinforcing steel corroding and causing damage to surrounding AAC panel possibly resulting in spalling or cracking of the panel.

**Control Joints:**

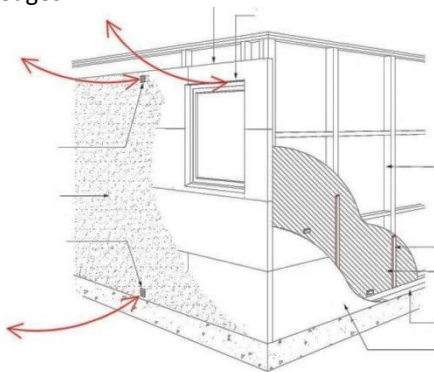
- Vertical control joints are to be spaced at maximum 10.0m centres from corners.
- If the distance between corners exceeds 10.0m, then extra control joints at a maximum of 10.0m centres refer to the Technical Manual & Installation Guide September V3 2013 for specifications.
- Where possible these should be placed in line with opening edges.
- Horizontal control joints are used in 2-storey buildings in line with the intermediate subfloor framing, or when the height of the wall exceeds 10.0m.
- Where possible extra control joints should be located in line with window or door openings.
- Where the structure is over 2 stories it is required that Inter-storey drained joints be provided for in accordance with the requirements of NZBC acceptable solution E2/AS1.

**Walls:**

- Once the building paper is in place fix cavity battens as per Technical Manual & Installation Guide September V3 2013 specifications.
- Only H Grade EPS battens or H3.2 Timber battens may

be attached to studs behind the position of the Masons Enviro® AAC panel as per the current technical manual detail 01 and 05.

- Fix the bottom row of Masons Enviro® AAC panels continuously around the building using up to 3mm of mortar (Plastabrick AAC jointing glue) to ensure the first row is completely level.
- The panels are fixed directly onto the battens using 14x100 bugle head Type 17 Class 3 screws which are to be embedded 10mm max below the surface of the panel and no closer than 50mm to the edge of the panel.
- No drilling is required but care must be taken not to over tighten the screws, as excessive tightening of the screws can damage the panels.
- Masons Enviro® AAC panels are placed in a stretcher bond pattern using Plastabrick AAC jointing glue on the edges.



Apply enough Plastabrick AAC jointing glue across the whole panel surface to ensure a positive bond and fix panel immediately to avoid over curing. Plastabrick AAC jointing glue must not be applied to the panel and left standing.

Panels can be stacked as high as 10 panels (6.0m) on a wall.

Any imperfections on the face of the panels can be repaired using an approved Plastabrick mortar or Plastabrick AAC jointing glue.

#### **Corners:**

- Check the level & alignment of the panels.
- Corners are flush and laid at the corners like bricks.

#### **Openings:**

- Cut the panels to suit the openings.
- Select any damaged panel to use in these positions so that a minimum wastage can be achieved.
- Ensure Masons uPVC corner soakers are placed correctly and adhered to the panel using BOSTIK safe seal sealant.

- In situations where the Masons Enviro® AAC Panel System is required to work in concert with other cladding systems, such other cladding must performance requirements of the NZBC.
- Such systems and cladding fall outside the scope of this Assessment Brief.

#### **Thermal:**

The Masons Enviro® AAC Panel System Wall System can be constructed in a number of configurations which result in varying thermal efficiency results.

#### **Acoustic properties:**

The Masons Enviro® AAC Panel System Wall System can be constructed in a number of configurations which result in varying Acoustic efficiency results. It is recommended that the Masons Plastabrick Ltd be contacted for exact Acoustic values. However by way of example:

It is accepted that a timber framed building clad with bricks, weatherboards or fibre cement typically block 19 to 25 decibels of noise. Walls clad with 50mm AAC Cladding block up to 47 decibels. This figure should be taken as a guide only.

#### **Structural Wind Loadings:**

The Masons Enviro® AAC Panel System is suitable for use in all building wind zones as per NZS 3604, up to, and including 'Very High' where buildings are designed to meet the performance requirements of NZBC Acceptable solution E2/AS1, or up to the ultimate limit state (ULS) wind pressure of 2500Pa when the building is subject to specific design.

#### **Fire:**

The Masons Enviro® AAC Panel System is considered to meet the performance requirements of NZBC C3.3.5 for use as an external wall cladding when restricted to:

- Single storey buildings 1m or more from the boundary for all purpose groups.
- Buildings up to 7m high, 1m or more from the boundary, for all purpose groups other than SC and SD

#### **Durability:**

The Masons Enviro® AAC Panel System when used in accordance with this Assessment brief and the manufactures technical installation guides will meet the performance requirements of NZBC B2.3.1 (b), 15years for the cladding system and plaster finish, and the performance requirements of NZBC B2.3.1 (c), 5 years for the exterior paint system (the life of the product not being less than 5 years).

**Maintenance:**

The following maintenance regime is recommended by the manufacturers for the Masons Enviro® ACC Panel System:

- 1 Regular cleaning (at least annually) of the paint coating is required to remove grime, dirt and organic growth as per the Technical Literature in order to maximize the life and appearance of the acrylic paint coating.
- 2 Paint coatings must be reapplied every 5 years in accordance with the paint manufacturer’s instructions.
- 3 Re-coating colours shall have an LRV (light reflectance value) of 25% or greater.
- 4 Regular inspections (at least annually) must be made on the system to ensure that all aspects of the Masons Enviro® AAC Panel System including the coating system, plasters, flashings and any sealed joints remain in a weatherproof condition. Any cracks, damaged areas or areas showing signs of deterioration that could allow water ingress, must be repaired immediately.
- 5 The Masons Enviro® AAC Panel System must be maintained and repaired in accordance with the instructions from Masons Plastabrick Ltd.
- 6 Minimum ground clearance as set out in this Appraisal and Technical Literature must be maintained at all times during the life of the system to maintain the durability and weather tightness of the system.

**BASIS OF THE ASSESSMENT BRIEF**

CMA CodeMark Assessment Brief has assessed the following aspects in undertaking the Certification:

- 1 Installation procedures.
- 2 Physical Properties.
- 3 Relation to Relevant NZBC clauses.
- 4 The ability of the installation details to meet the requirements of the NZBC and relevant Australian Standards.

**The following documents and inspections were used in carrying out the Certification:**

Manufacturer's and Installation Information

Test Reports:

- HOSTCEQ ILAC approved test report # 0109B010-03020
- AAC Panel System to E2/VM1.
- E2/AS1 for a drained cavity system.
- Adhesion and compatibility testing of the Masons

Plastabrick Render products with the Masons Enviro® AAC Panel in accordance with ASTM C297.

- Testing by OPUS laboratories to determining the compressive strength, dry bulk density and drying shrinkage of the Masons Enviro® AAC Panel to verify the durability of the system.
- Testing by OPUS Laboratories to determining the adhesion strength/compatibility of Masons Skimming Render.
- The corrosion protection of the steel reinforcement in the Masons Enviro® AAC Panel was tested to verify durability and conducted by AZUMA design

**Other Documents:**

Document	Scope
AS 2331.3.1	Methods of test for metallic and related coatings -Corrosion and related property test
AS 3566	Self-drilling screws for the building and construction industries.
AS 3730	Guide to the properties of paints for buildings
AS/NZS 1170:2002	Structural design actions
ASTM B117	Standard practice for operating salt spray apparatus
ASTM C 297	Standard test method for flatwise tensile strength of sandwich constructions.
ASTM C 1386:	Standard specification for precast autoclaved aerated concrete (AAC)
NASH 3405:2006	Steel framed buildings
NZS 3602:2003	Timber and wood-based products for use in building.
NZS 3603:1993	Timber structures standard
NZS 3604:2011	Timber framed Buildings
NZS 4211:1985	Specification for performance of windows
Compliance Document for New Zealand Building Code External Moisture	Clause E2, Department of Building and Housing, Third edition May 2008, incorporating amendments 1 to 4.
Handbook and Approved Documents, Building industry Authority, 1992.	New Zealand Building Code
The Building Regulations 1992, up to, and including October 2004 Amendment	

**Inspections:**

CMA representatives have inspected installations of the systems and have found that the installation:

- 1 Followed the approved manual.
- 2 Was instated by a suitably qualified and trained trade’s person.
- 3 Due consideration was given to the NZBC and local regulations.

<b>TECHNICAL INFORMATION</b>
<p>Refer to the Masons Enviro® Panel System Technical Manual September V3 2013 (20mm and 45mm Cavity Steel and 20mm and 45mm Cavity Timber versions) or subsequent updated versions.</p> <p>The Technical Literature must be read in conjunction with this Appraisal Certificate.</p> <p>All aspects of design, use, installation and maintenance contained within the Technical Literature and scope of this Assessment and CodeMark Certificate must be followed.</p> <p>For a copy of this Technical Literature and any subsequent updates please refer to: <a href="http://www.masonsplastabrick.co.nz">www.masonsplastabrick.co.nz</a>.</p>
<p style="text-align: center;"><b>CodeMark Certification:</b></p> <p>CodeMark is a building product certification scheme. The CodeMark scheme supports the use of new and innovative building products by providing a nationally and internationally accepted process for products to be assessed for compliance with the requirements of the building codes of Australia and New Zealand. The scheme provides confidence and certainty to regulatory authorities and the market through the issue of a Certificate of Conformity.</p> <div style="text-align: center;">  </div> <p>The ABCB and New Zealand's Department of Building and Housing (DBH) manage the scheme in their respective countries. The Joint Accreditation System of Australia and New Zealand (JAS-ANZ) have accredited CertMark to evaluate and certify building products. Relevant legislation requires building control authorities to accept CodeMark certified products.</p>
<p><b>CertMark Australasia Ltd</b>  <b>JAS-ANZ Accreditation Number Z4450210AK</b></p>

 	
	<p>30/4/2013</p> <p><b>Issue Date</b></p>
<p>John Thorpe                  Director                  CertMark Australasia Pty Ltd</p>	<p>29/4/2014</p> <p><b>Edited Date</b></p>