

Masons NZ Ltd Enviro[®] Panel AAC Cladding System

TABLE OF CONTENTS

Specification Details.....	2
Clauses.....	2
Scope.....	2
Cladding System.....	3
System Components.....	3
Sample.....	6
Co-operation.....	6
Workmanship.....	6
Delivery & Handling.....	7
Preparation.....	7
Cavity Battens.....	12
Installation.....	12
Control Joints.....	16
Fixing.....	16
Texturing System - Sealer Coat.....	17
Texturing System - Base Coat.....	18
Texturing System - Levelling Coat.....	18
Texturing System - Texture Coat.....	18
Paint Sealer.....	18
Paint System - Exterior Paint.....	19
Completion.....	19
Compliances.....	19

1 Specification Details

Trade Sections: Plaster Claddings, Cladding & PreCladding

Description:

Keywords: Plasterwork, Masons Plastabrick, Enviro Panel Cladding System, cladding, cladding systems, plastered wall cladding systems, exterior wall cladding systems, plastered exterior wall cladding systems, stucco plaster cladding systems, insulated plaster cladding systems, plastered panel veneer, plastered veneer, AAC, (AAC), AAC panels, autoclaved aerated concrete, autoclaved aerated concrete panel, aerated concrete panel, AAC cladding, wall cladding, plastered AAC, plastered autoclaved aerated concrete panels, AAC lightweight panels, AAC light weight panels, external cladding, external wall cladding, closed cavity, closed cavity construction, closed wall cavity, closed wall cavity cladding, closed wall cavity

panels, plastered façade systems, plastered AAC cladding, plastered lightweight concrete cladding, plastered light-weight concrete cladding, plastered light weight concrete cladding, plastered LWC cladding, plastered AAC panels, plaster, plastering, plaster finishes, plastered cladding, plaster systems, plaster cladding systems, wall cladding plaster systems, plastered exterior wall cladding, plastered walls, wall plaster, lightweight concrete plaster systems, light-weight concrete plaster systems, light weight concrete plaster systems, LWC plaster systems, precast concrete plaster systems, concrete plaster systems, AAC panel plaster systems, Masons Basecoat, Masons Lightweight Basecoat, Masons Skimming Render, Masons Sponge Finish, Masons Adobe Finishing Plaster, Masons Lime Stop Sealer, Masons Premium Build High Build Exterior Acrylic Paint,

2 Clauses

2.1 Scope

2.1.1 Scope

Supply, install and finish the selected Masons NZ Ltd Enviro® Panel Cladding System, as a plastered AAC cavity wall cladding, to the locations identified on the drawings, complete with system components, accessories and coatings. All aspects of this work shall be in complete accordance with the Masons Enviro® AAC Panel System Technical Manual & Installation Guide (check mpb.co.nz, or call 0800 522 533 for the latest editions), other relevant product manufacturers' recommendations, and as shown on the drawings.

The exterior face of the Masons NZ Ltd Enviro® Panel Cladding System shall be finished with the specified Masons plaster coatings and exterior paint.

Enviro® Panel Cladding System is CodeMark assured with the NZ Building Code: CodeMark Certificate of Conformity No:CMA-CM40041(Rev2), issued by CertMark Australasia Pty Ltd.

All window and door joinery used in conjunction with the Enviro® Panel Cladding System must meet the requirements of NZS 4211.

No substitutions are permitted for Masons NZ Ltd Enviro® Panel Cladding Systems and Masons plaster coatings and exterior paint.

For the purpose of this specification, the Masons NZ Ltd Enviro® AAC Panel System Technical Manual & Installation Guide has been abbreviated to - Enviro® Technical Manual.

2.2 Cladding System

2.2.1 Enviro® Panels over a 20mm Cavity

Enviro® Panel Cladding System - over a 20mm Drained Cavity. 50mm thick Autoclaved Aerated Concrete (AAC) panels, mounted on 20mm thick cavity battens fixed to timber or steel stud walls, and

finished on the exterior face with the specified Masons plaster coatings and exterior paint. The Enviro® Panel Cladding System shall be installed on buildings designed within the scope of NZS 3604:2011 and NASH 3405-2011 up to 3 storeys or 10m in height, in accordance with Masons NZ Ltd Enviro® Technical Manual and as shown on the drawings, and where the building is situated in a NZS 3604 Wind Zone up to, and including 'Very High'. All joinery installed in walls clad with the Masons NZ Ltd Enviro® Panel Cladding System must meet the requirements of NZS 4211:2008.

Location:

2.2.2 Enviro® Panels over a 45mm Cavity

Enviro® Panel Cladding System - over a 45mm Drained Cavity. 50mm thick Autoclaved Aerated Concrete (AAC) panels, mounted on 45mm thick Enviro® Tie Battens fixed to timber or steel stud walls, and finished on the exterior face with the specified Masons plaster coatings and exterior paint. The Enviro® Panel Cladding System shall be installed on buildings designed within the scope of NZS 3604:2011 and NASH 3405-2011 up to 3 storeys or 10m in height, in accordance with Enviro® Technical Manual and as shown on the drawings, and where the building is situated in a NZS 3604 Wind Zone up to, and including 'Very High'. All joinery installed in walls clad with the Masons NZ Ltd Enviro® Panel Cladding System must meet the requirements of NZS 4211:2008.

Location:

2.3 System Components

2.3.1 Enviro® Panels

Enviro® Panels. 50mm thick x 600mm wide x 2200mm long, square edged, steel mesh reinforced, lightweight Autoclaved Aerated Concrete (AAC) panels. 525kg/m³ (26.25kg/m²) nominal weight when dry. Non-toxic and non-combustible. Installed horizontally, in a stretcher bond pattern and with edge joints fully bonded, as a component of the Enviro® Panel Cladding System in accordance with the Enviro® Technical Manual and as shown on the drawings.

2.3.2 Cavity Battens

Cavity Battens - refer to Cavity Batten clause herein.

2.3.3 Corrosion Protection Coating

Corrosion Protection Coating. CRC Zinc It or similar Masons approved and complying with AS/NZS 2312. Applied in accordance with the manufacturer's requirements to exposed reinforcing steel of Enviro® Panels as an anti-corrosion treatment.

2.3.4 Damp-proof Course (for slab rebate installation)

Masons DRY-FIX DPC. A hi-impact polyethylene damp-proof course in accordance with AS/NZS 2904. Enviro® Panels that are seated on a concrete slab or foundation wall rebate must be fully separated from the concrete surface by DRY-Fix DPC. The width of the DPC shall match the width of the concrete rebate. The bearing surface of the concrete rebate must be straight and flat, and free of