

Masons NZ Ltd Enviro® AAC Panel Floor System

TABLE OF CONTENTS

Specification Details.....	2
Clauses.....	2
Scope.....	2
Requirements.....	2
Enviro - AAC Floor Panel System.....	4
System Components & Accessories.....	5
Co-operation.....	6
Workmanship.....	6
Delivery & Handling.....	7
Preparation.....	7
Installation.....	8
Completion.....	10
Compliances.....	10

1 Specification Details

Trade Sections: Carpentry

Description: AAC Panel Floor System

Keywords: AAC, Autoclave, Aerated concrete, Acoustic, Intertenancy, Noise reduction, Sound proofing, dividing floor, Sound treatment, Internal floor

2 Clauses

2.1 Scope

2.1.1 Scope:

Supply and install Masons Enviro - AAC Panel Floor System, as specified herein, to the locations and details shown on the design drawings, complete with all necessary components and accessories required for proper installation and performance. All aspects of this work shall comply with the NZ Building Code, related Masons Enviro - AAC Panel Floor System technical literature and publications (check <http://mpb.co.nz>, or email info@mpb.co.nz, or call 0800 522 533 for the latest editions), and other relevant product manufacturers' recommendations.

Masons Enviro - AAC Panel Floor System is PASS (Producer Assurance Supplier Statement) assured to comply with the NZ Building Act 2004 subject to specific conditions and limitations – refer to PASS (Producer Assurance Supplier Statement) 19305.

No substitutions are permitted for Masons Enviro - AAC Panel Floor System.

For the purpose of this specification, Masons Enviro - AAC Panel Floor System is referred to as 'Masons Enviro - AAC Panel Floor System', and all Masons NZ Ltd associated technical literature and publications, including the Product Technical Statement, installation instructions and drawings, are collectively referred to as the 'technical literature'.

Masons Enviro - AAC Panel Floor System is designed for residential and commercial buildings.

Extent of work:

The following is a list and/or general description of the extent of the Masons Enviro - AAC Panel Floor System, which are more specifically defined in the contract documents, required for the completion of the contract works:

2.2 Requirements

2.2.1 Safety:

Comply with the Health and Safety at Work Act 2015 (HSWA), and with all relevant Health and Safety at Work Regulations 2016, and with all relevant WorkSafe New Zealand (WorkSafe) Approved Codes of Practice and WorkSafe Information and Guidance, particularly those for construction and building maintenance.

2.2.2 Warranty:

Masons Enviro - AAC Panel Floor System Warranty is provided in accordance with the warranty terms and conditions.

- 15-year warranty for Masons Enviro - AAC Panel Floor System materials and installation.
- Provide all information to the requirements of the Masons NZ Ltd standard warranty .
- Commence the warranty from the proven date of purchase or dispatch from 'Mason's NZ Ltd'.

Include a copy of the manufacturer's maintenance requirements with the warranty.

2.2.3 Substitutions:

The Masons Enviro - AAC Panel Floor System shall be as specified herein and on the design drawings. The substitution of the Masons Enviro - AAC Panel Floor System for an alternative brand, system or product is not permitted under any circumstances.

The substitution of a specified Masons Enviro - AAC Panel Floor System or component for an alternative Masons NZ Ltd system or component by the Contractor shall only be permitted with the Contract Administrator's written authorisation and shall be at no additional cost to the Principal. Should any resultant extra work and/or redesign work be required to accommodate an alternative Masons Enviro - AAC Panel Floor System or component to satisfy design, performance and compliance requirements, then the cost of these shall be borne by the Contractor.

2.2.4 Producer statement (PS3)

The Masons Enviro - AAC Panel Floor System installer shall furnish a fully completed PS3 Producer Statement (Construction) at time of application for Code Compliance Certificate. The Producer Statement shall accurately reflect the scope of the installation of the floor System in accordance with the consented drawings and specifications.

2.2.5 Inspections & reporting:

BCA inspections shall take place at each of the stages as scheduled in the Building Consent. Confirm a written programme to facilitate these inspections, including notification when each stage of the work is ready for inspection.

Carry out all necessary pre-installation and installation inspections for each area of the works.

Complete all necessary Pre-Installation Checklists prior to installation, and all necessary Installation Checklists.

Complete all necessary Final Checklists and Installation Sign-Off Certificates before handing over completed work.

2.2.6 Quality assurance:

Maintain and comply with industry-recognised quality control and assurance procedures to ensure that all stages of the work are carried out to the highest standard.

2.2.7 Defective materials & workmanship:

Should defective materials and/or work be found at any time before the final acceptance of the work, it shall be rejected.

Rejected Masons Enviro - AAC Panel Floor System materials and work shall be repaired and/or replaced to the satisfaction of the Contract Administrator without delay and at no additional cost to the Principal.

2.3 Enviro - AAC Floor Panel System:

2.3.1 Enviro - AAC Panel Floor System:

Masons Enviro - AAC Panel Floor System is a floor system for use as an acoustic dividing floor.

Masons Enviro - AAC Panel Floor System comprises autoclaved aerated concrete panels - 75mm thick and reinforced with corrosion protected steel wires. The panels are fixed to a light timber framed or light steel framed flooring systems.

Enviro 75mm Floor Systems are constructed in accordance with this manual and can support a maximum uniformly distributed load of 0.35kPa, or a concentrated live load of 2.7kN with joists at 600mm maximum centered (550, 440 or 366mm centres are recommended to suit the panel length of 2200mm). Enviro Floor Panels have been designed to support a concentrated live load of 2.7kN