



MASONS PLASTABRICK



SPECIFICATION S5

MAY 2010 PlastaTHERM Insulated Block System



of work to be done and materials to be used in carrying out the works shown on the accompanying drawings

(Project name)

(Project address)

(Owners Name)

<i>Job Number:</i>	<i>Date:</i>
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PLASTATHERM, INSULATED BLOCK SYSTEM

An insulated plaster system for Masonry Construction.

5.1 Compliance

a) *Durability*

The work covered by this part of the specification has been designed and constructed to achieve a durability of 15 years.

5.2 Related Documents

a) *Documents Referred to*

Documents referred to in this section are:

NZS 4210 - Masonry construction: Materials and workmanship

NZBC B2 - Durability

AS 1366.3 - Rigid cellular plastics sheets for thermal insulation - Rigid cellular polystyrene - Moulded (RC/PS - M)

AS 1366.4 - Rigid cellular plastics sheets for thermal insulation - Rigid cellular polystyrene - Extruded (RC/PS - E)

N.Z.S 4229:1999 - Concrete Masonry Buildings not requiring special engineering design

b) *Manufacturer's Documents*

Masons Plastabrick literature & information available from:

Masons Plastabrick Product Manual

You can view copies of our literature at:

Website: www.masonsplastabrick.co.nz

Telephone: 0800 522 533

Facsimile: 09 414 7551

5.3 Abbreviations

The following abbreviations are used throughout this part of the specification:

MPNZA Master Painters New Zealand Association.

5.4 Substitutions

Substitutions are not permitted to any specified Masons Plastabrick render system.

5.5 Qualifications

Only applicators licensed to apply the **Masons Plastabrick** Meshing render systems
Will be able to receive the necessary guarantees & producer statements.

5.6 Documentation

Finish Sample

If requested, provide a sample panel of the selected finish texture for approval.

Maintenance Instructions

Provide **Masons Plastabrick** maintenance guide to the building owner.

Written Warranty & Producer Statement:

Provide the Building Consent Authority with the Masons Plastabrick Producer Statement compiled by the Applicator.

Safety Requirements.

Obtain from **Masons Plastabrick** the material safety data sheets for each product.

Keep sheets on site and comply with the required safety procedures.

Follow OSH & ERMA Guidelines at all times regarding Site Safety, Regulations & Guidelines

5.7 Warranties

a) *Manufacturers Warranty*

Applicators warranty their work against faulty workmanship in the application of Plastabrick Products, under normal environmental conditions and use for a period of **five** years.

b) The plaster system is warranted as follows:

Materials: 15 years from date of practical completion issued by **Masons Plastabrick**.

5.8 PRODUCTS

Materials (Please delete what's not required)

5.8.1 *Masons Plastabrick Plastaseal*

Masons Plastabrick Plastaseal used in a diluted form to assist with controlling suction during plaster application.

b) *Meshing Render Plaster*

Factory-mixed plaster coating specially blended acrylic modified cement based plaster compound.

c) *Masons Plastabrick 1mm Finishing Plaster, Polymer Modified*

Factory-mixed polymer modified cement based finishing plaster.



- d) *Adobe Finishing Plaster, Polymer Modified*
Polymer modified, cement based plaster.
- e) *Meshing Render Finishing Plaster, Polymer Modified*
Polymer modified, cement based plaster.
- f) *Paint*
Masons Plastabrick Premium Build 100% acrylic latex compatible with cement based plaster and suitable for textured surfaces.

5.9 PLASTER CARE

▪ Conditions

- a) *On Site Service.*
Ensure all plaster is delivered dry and undamaged.
- b) *Storage*
Ensure dry storage on site, stack carefully, protect from the elements and any other damage.
- c) *Plastering Conditions*
Carry out plastering to **Masons Plastabrick** specification only.
- d) *Preparation*
Before application of plaster, ensure all joinery, pipes, roofs and any areas likely to be marked by plaster are protected by drop cloths, masking tape and ground covers to keep the working areas clean. Clean spillage immediately.
- e) *Substrate*
Only commence work when substrate is complete: i.e. openings, apertures, pipes, fixtures, fixing pads and plugs have been fixed.
All defects in substrate must be rectified prior to application of plaster.
- f) *Flashing and Detailing*
Ensure that Flashing & Detailing comply with **Masons Plastabrick** flashing guidelines. Carry out to the required standard to ensure water does not penetrate.
- g) *System Construction*
Before commencing work ensure the layout of expansion joints, and other visual detailing is correct.

5.10 Application

- a) *Finishing*
Refer to SELECTIONS for type and colour.



- b) Plastatherm insulating plaster must be applied in two coats. The first coat must be 12-15 mm thick. The second coat must be applied no sooner than the next day, giving a total thickness of 20mm.
- c) *Curing.* Plastatherm must be applied only when the temperature is between 5 & 35 degrees Celsius, and must be protected from rain for the first 36 hours.
- d) *Finishing.* Apply the selected finishing coat, to the **Masons Plastrick** recommended techniques and thicknesses. Ensure the Plastatherm is completely dry & remove any loose plaster by brushing the surface prior to plastering.
- e) *Paint Finish*
Apply one coat of Plastrick Limestop sealer then Apply two coats of **Premium Build** 100% acrylic latex paint to exterior plastered surfaces. Allow a minimum of 3 days for the cement plaster to dry before the application of the paint system.

5.11 Completion

- a) *Cleaning*
Remove debris, unused materials and elements from the site relating to the plaster system application. Replace damaged, cracked or marked elements. Leave the whole of this work to the required standard.
- b) *Final Inspection*
A final inspection by the licensed applicator of the entire finished cladding to take place immediately after completion of the wall cladding work and any defects or subsequent damage made good immediately.

5.12 SELECTIONS

- a) *Concrete Block with Insulated Plaster System*
Location:
Substrate: Concrete Block
Base coat: **Insulating Plaster**
Texture coat:.....
Plastrick Lime Stop Sealer x 1 coat
Paint: **Plastrick Premium Build**
Coats: **Two**
Colour:

Masons Plastabrick PlastaTherm Insulated Block System

Details for this system are available on the **CD** inserted in the front cover of this Manual or download from our web site www.masonsplastabrick.co.nz



FOUNDATION DRAWING



HEAD SILL DRAWING



PARAPET DRAWING



SOFFIT DRAWING



TANKING DRAWING