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SPECIFICATION

March 2015

MASONS PLASTABRICK AND BLOCK MASONRY RENDER SYSTEM

For 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)

Job Number:	Date:
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1.1 Preliminary

This section deals with Masons Plastabrick and Block Masonry Render System exterior plasters, a modified cement based plaster rendering system applied by hand, or sprayed over Masonry and Brick.

1.2 Compliance

(a) Durability

The work covered has been designed to achieve a minimum durability of 15 years.

(b) On Going Maintenance Instructions

Provide ongoing maintenance instructions required to meet the performance requirements of the NZBC B2 Durability.

1.3 Related Documents

(a) Documents referred to in this section are:

- NZS 4210: Masonry Construction: Materials and workmanship
- NZBC B2: Durability

(b) **Masons** literature & information available from **Masons** Product Manual.

You can view copies of our literature at:

Web: www.mpb.co.nz

Tel: 0800 522 533

(c) Manufacturers Documents

Plastabrick documents relating to work in this section are: **Masons Product Manual**. Materials and execution to Plastabrick specification except where varied by this specification and supported by architectural detailing.

(c) Abbreviations

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

- MPNZA: Master Painters New Zealand Association

1.4 Substitutions

Substitutions are not permitted to any specified **Masons Exterior Plaster Cladding System**.

1.5 Qualifications

Only applicators that are licensed to apply the **Masons Exterior Plaster Cladding System** will be able to receive the necessary guarantees & producer statements.



1.6 Documentation

(a) Product Finish.

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

(b) Product System Maintenance.

Provide **Masons Maintenance Guide** to the building owner.

(c) Safety Requirements

Obtain from **Masons** 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.

(d) Producer Statement

The applicator is responsible to provide the Building Consent Authority with a Producer statement for the installation and application of the products.

1.7 Warranties

Manufacturers Material Warranty

Warrant this part of the work under normal environmental and use conditions against failure of materials and execution. The plaster system is warranted as follows:

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

(b) Performance

Accept responsibility for the structural and weather tight performance of the exterior render application.

(c) Protection of New Plaster

Confirm the protection systems to be applied to fresh plaster coats. Plastering not to begin until systems are confirmed.

(d) Inspections

Allow to inspect the whole of the work at each stage. Determine a programme for inspections including notification when each part and stage of the work is ready for inspection prior to the work commencing. Permit representatives of **Masons** to inspect the work in progress and to take samples of their products from site.



1.8 Products

Materials (please delete what's not required)

(a) Sealer

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

(b) First Coast

Lightweight Basecoat

Premixed cement based plaster containing lightweight aggregates, adhesion and workability aids, together with polypropylene fibre reinforcement.

Basecoat

Factory mixed polymer modified cement based plaster.

One Coat

Factory mixed polymer modified cement based plaster.

(c) 1 mm Finishing Plaster, Polymer Modified

Factory mixed polymer modified cement based finishing plaster. Refer to selections for texture and colour.

Adobe finishing plaster, polymer modified

Polymer modified cement based plaster. Refer to selections for texture and colour.

Paint for Cement Based and Brick System

Masons Extra Cover, OR Masons Premium Build 100% Acrylic Latex Paint compatible with cement based plaster and suitable for textured surfaces.

1.9 Accessories

(a) Flashings

Head jamb sill and any other required flashings made from powder coated aluminium or uPVC supplied by main contractor for both recessed and faced fixed timber, aluminium and uPVC joinery to NZBC and masonry construction requirements.

(b) Corner and Base Beads

Pre-meshed uPVC corner, base and edge beads

(c) Sealant

BRANZ appraised modified MS sealant.



1.10 Plaster Care

Conditions

(a) On Site Service

Ensure all plaster is delivered dry & undamaged.

(b) Storage

Ensure dry storage on site, stack carefully, protect from the elements & any other damage.

(c) Plastering Conditions

Carry out plastering to **Masons** specification only.

3.11 Preparation

Before application of plaster, ensure all joinery, pipes, roofs and all areas likely to be marked by the plaster are protected by drop cloths, masking tapes & ground covers to keep the working areas clean. Clean spillage immediately.

(a) Surface Substrate

Only commence work when substrate is complete: i.e. openings, apertures, pipes, fixtures, fixing pads & plugs have been fixed. All defects in substrate must be rectified prior to application of plaster.

(b) Flashing and Detailing

Ensure that all Flashing and Detailing comply with **Masons Flashing Guidelines**. Carry out to the required standard of execution to NZBC E2/AS1 to ensure water does not penetrate.

(c) System Construction

Before commencing work ensure the layout of expansion joints, and other visual detailing is correct.

3.12 Application

(a) Prepare Surface

Ensure that wall openings have been prepared ready for the installation of all window and door frames and other penetrations through the cladding.

(b) Required preparation work includes the following:

Wall cladding, underlay/building wrap to openings, finished off with flexible flashing tape, ready for the installation of window and door frames and other penetrations

Ensure all flashings and conduits fitted where necessary



(c) Install uPVC Corner, Base and Edge Beads

Install all uPVC corner, base and edge beads necessary and to **Masons** requirements prior to plaster application commencing.

(d) Penetrations

Fix in place all required uPVC trims, profiles, control joints and flashings. Make sure piping and light fittings area sealed.

(e) Exposed Control Joints

Provide control joints in the plaster to coincide with control joints in the substrate and/or junctions between dissimilar substrates in the same plane and or where shown on the drawings and to **Masons** requirements. Terminate reinforcing mesh each side of control joints. Exposed control joints to be reflected through final coatings from substrate.

(f) Pre-Plaster Preparation

Control suction by dampening with water where necessary, without over wetting. Allow the surface to dry back to a surface dry condition before plastering.

(g) Finishing

Refer to selections for type and colour.

3.13 Masons Plastabrick Masonry System

(a) Slurry Coat

Apply a slurry coat of **Masons Masonry Bond Resin** and **selected Masons Basecoat Plaster** to provide adhesion and a gritty surface suitable for the plaster application.

(b) Base Coat

Apply to the substrate, a thick coat of **selected Masons Basecoat** plaster to ensure plaster is forced into the surface, and then brought out to a flat finish with extra plaster.

(c) Levelling Coat

Apply the following day after the base coat plaster of the same product to give a final smooth flat finish.

(d) Texture Coat

Apply selected texture plaster coat of either **1 mm, Pre-Coloured Texture** or **Abode**.

(e) Paint System

Apply two or three coats of **Masons Premium Build 100% Acrylic Latex Paint** to the exterior plastered surfaces. **Allow a minimum of 3 days for the cement plaster to dry before the application of the paint system.**



3.14 Selections

Plastabrick Masonry System

Location:

Substrate:

Slurry Coat: Masons Masonry Bond Resin and selected Masons Basecoat Plaster

Base Coat: Selected Masons Basecoat

Meshing: 150 gsm coated Masons Meshing Render and mesh with Masons Pre-Meshed Corner Beads

Levelling Coat:

Texture Coat:

Colour:

Paint: Masons Limestop Sealer and Masons Premium Build Paint

Coats: *3 coats*

Colour: