



MASONS PLASTABRICK



# SPECIFICATION S6

May 2010 PlastaSLAB Tilt Slab 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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## PLASTASLAB TILT SLAB SYSTEM

*A masonry render system for smoothing & texturing off form concrete, providing a hard durable surface which, when painted, is waterproof & easier to maintain than standard painted wall.*

### 6.1 Compliance

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#### *Durability*

The work covered by this part of the specification has been designed and constructed to achieve a minimum durability of 7 years.

### 6.2 Related Documents

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a) *Documents Referred to*

Documents referred to in this section are:

NZS 4210 - Masonry construction: Materials and workmanship

NZBC B2 - Durability

NZBC E2/AS1 - External moisture

b) *Manufacturer's Documents*

**Masons Plastabrick** literature & information from:

**Masons Plastabrick** Product Manual.

Materials and execution to **Masons Plastabrick** specification except where varied by this specification and supported by architectural detailing.

You can view copies of our literature at:

Web: [www.masonsplastabrick.co.nz](http://www.masonsplastabrick.co.nz)

Telephone: 09 414 7551

Fax: 09 414 7553

### 6.3 Abbreviations

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

MPNZA: Master Painters New Zealand Association

### 6.4 Substitutions

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

### 6.5 Qualifications

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

## 6.6 Documentation

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- a) *Finish Sample*  
If requested, provide a sample panel of the selected finish texture for approval.
- b) *Maintenance Instructions*  
Provide **Masons Plastabrick** maintenance guide to the building owner.
- b) *Written Warranty & Producer Statement*  
Provide the Building Consent Authority with the Masons Plastabrick Producer Statement compiled by the Applicator.
- c) *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

## 6.7 Warranties

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- a) *Manufacturers 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: 7years from date of practical completion issued by **Masons Plastabrick**.  
Execution: 5 years from date of practical completion issued by a **Masons Plastabrick** licensed applicator.

## 6.8 PRODUCTS

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### Materials

- a) *Sealer*  
**Masons Plastabrick** Plastaseal Sealer, to assist with controlling suction during plaster application.
- b) *1mm Finishing Plaster, Polymer Modified*  
Factory-mixed polymer modified cement based finishing plaster. Refer to SELECTIONS for texture and colour



- c) *Plastabrick Pre-Coloured Texture Finishing Plaster*  
Factory-mixed 100% acrylic plaster. Refer to SELECTIONS for texture and colour
- d) *Adobe Finishing Plaster, Polymer Modified*  
Polymer modified, cement based plaster. Refer to SELECTIONS for texture and colour
- e) *Meshing Render Plaster*  
Polymer modified, cement based plaster.
- e) *Paint for Cement Based and Brick System*  
**Premium Build** 100% acrylic latex compatible with cement based plaster and suitable for textured surfaces.

## 6.9 Accessories

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- a) *Flashings*  
PVC corner beads can be used to form straight corners.
- b) *Sealant*  
BRANZ appraised modified MS sealant.

## 6.10 PLASTER CARE.

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- 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.

## 6.11 Preparation

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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.

### *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.

#### *Flashing and Detailing*

Comply with **Masons Plastabrick** penetration flashing guidelines. Carry out to the required standard of execution to NZBC E2/AS1 to ensure water does not penetrate.

#### *Standards and Tolerances*

Comply with the tolerances laid down in NZS 4210 Table 2.2. To have no deviation more than 3 mm from a straight edge 1200 mm long.

#### *Confirm Layout*

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

## 6.12 Tilt Slab and Off Form Concrete Texturing

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- a) *Solvent Sealer*  
To a clean dry surface apply one coat of diluted solvent sealer to control suction on the surface during subsequent plaster applications.
- b) *Levelling Coat*  
Fill level all voids and minor defects with **Meshing render** all purpose plaster. Apply levelling coat of appropriate plaster to match the texture coat plaster.
- c) *Texture Coat*  
Apply selected texture plaster coat of either: 1mm, **2mm, Pre coloured Texture or Adobe**.
- d) *Paint System*  
Apply two coats **Plastabrick 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.

## 6.13 Completion

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#### *Cleaning*

Remove debris, unused materials and elements from the site relating to plaster system application. Replace damaged, cracked or marked elements. Leave the whole of this work to the required standard.



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## 6.14 Selections:

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- a) *Tilt Slab and Off Form Concrete Texturing System*  
Location: ~  
Substrate: Concrete  
Sealer coat: Plastaseal sealer  
Levelling coat: **Meshing render**  
Texture coat: ~  
Colour: ~  
Paint: Limestop Sealer and **Premium Build**  
Coats: Three  
Colour: ~