

# TECHNICAL MANUAL & INSTALLATION GUIDE

## DESCRIPTION

Lightweight Concrete Texturing System

## SYSTEM GUARANTEE

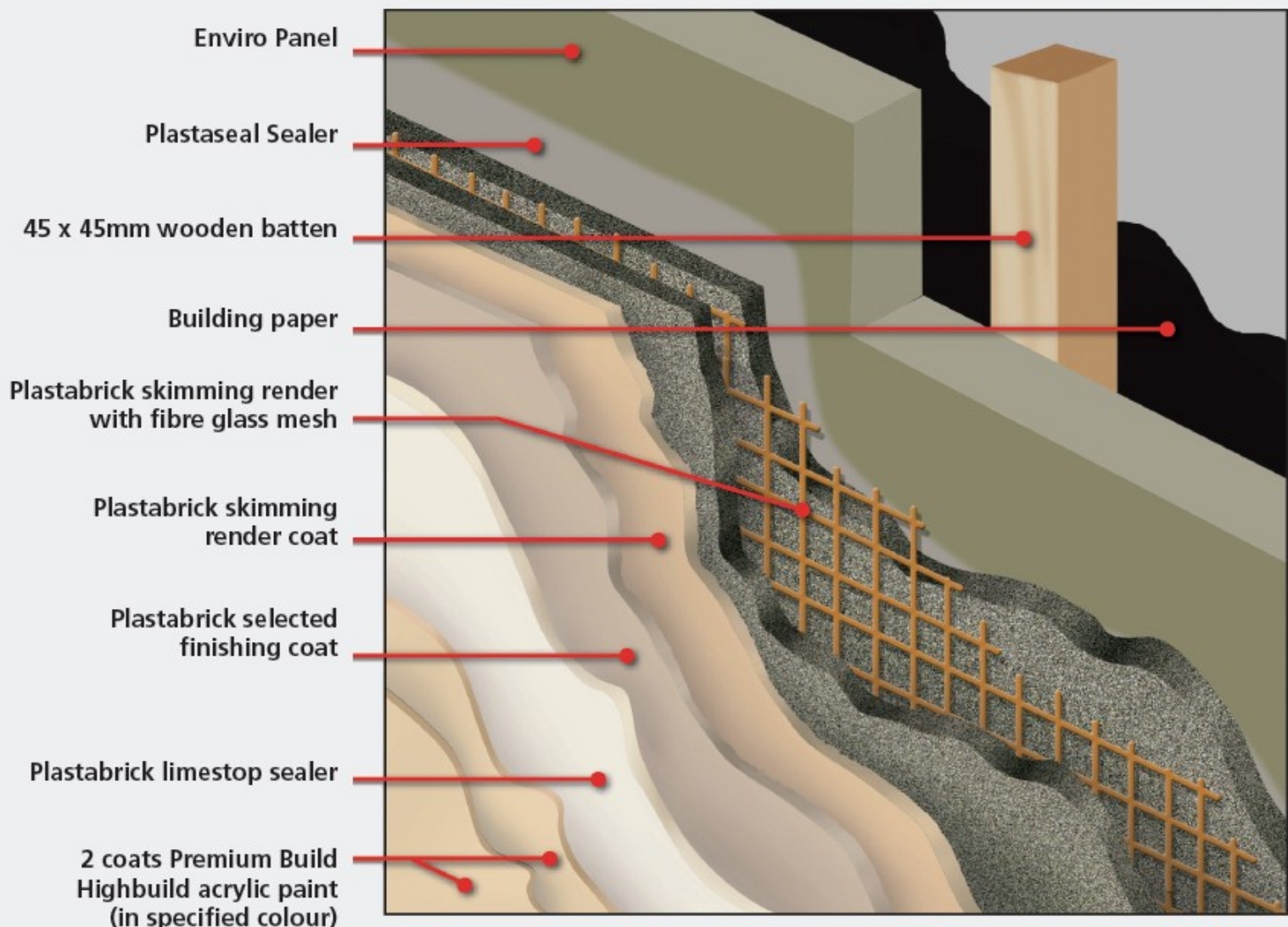
15 Years

## WORKMANSHIP GUARANTEE

5 Years

## 45 mm CAVITY STEEL FRAME

## SYSTEM CONSTRUCTION:



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



## WHAT IS ENVIRO AAC PANEL SYSTEM

Enviro AAC Panel System is a solid and lightweight, aerated concrete substrate that is available available from Plastabrick applicators, who provide details for installation. This sheet details the subsequent texturing of the Enviro AAC Panel System.

## ADVANTAGES

- Lightweight and solid concrete construction
- Attractive monolithic textured finish
- Flattens walls and hides joints

## APPLICATION

### Installation of Enviro AAC Panel System

Enviro jointing glue must be used for gluing sheets together. Installation should be done by a Masons Plastabrick licensed applicator or experienced Enviro installer. Should you have any queries or are not sure on how to install Enviro please contact Masons Plastabrick prior to commencement. The Enviro AAC panel system must be installed by a Masons Plastabrick Licenced Applicator.

### Preparation

Surface should be clean and dry, excess glue should be removed. Control joints should be installed and complete to installation instructions. A single coat of Plastaseal should be applied to the whole wall to assist with controlling suction during plaster application.

### Meshing

Apply mesh to entire Enviro Panel surface and apply pre-meshed corner beads to all edges and corners, making sure all mesh is wet into the plaster, 400 x 100 butterfly bandages applied diagonally to the corners of all windows and doors. Any other areas susceptible to cracking should be treated with control joints in accordance with substrate insulation details.

### Flushing

Skimming render applied to the whole wall in a single coat using Darby, screed and/or steel float to obtain a smooth level finish of approximately 5mm thick, place fibreglass mesh wet into first coat of skimming render, proper

setting of corner beads will assist in achieving straight lines. A levelling coat appropriate to the final texture can then be applied thinly to the whole wall area.

### Texturing

The desired texture from the Masons Plastabrick range can now be applied. Options are 1mm, Adobe and pre-coloured texture.

### Painting

Paint in accordance with the Masons Plastabrick specification. A coat of Limestop sealer is to be used and then two coats of Plastabrick Premium Build. Plaster requires three days to cure before application of Premium Build paint. Walls should be dry when painting.

### Accessories

Fibreglass mesh in rolls or pre-meshed can be used to form straight corners by pushing them into wet plaster with a straight edge. Vents are used to provide ventilation into the cavity, do not block ventilation slots to the cavity with plaster.

### Special Notes

This system will provide waterproofing to the wall surfaces when properly painted, however it is the responsibility of the designer and builder to provide and install adequate detailing for penetrations and tops. Refer to the Masons Plastabrick website for further details.



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