



# Enviro™

## AAC Floor Panel

INSULATED  
BY AERATED  
CONCRETE

Smoothed joins for a seamless surface.

“ Enviro floor panel was easy to install and behaved very good during installation. The after sale support was above and beyond other company’s usual support and the material passes all inspections. I have no hesitation in recommending this product or Masons in general”

**Peter Kelly - Southland**

Enviro™ Floor Panels are generally laid in full panels in half stretcher bond. Enviro™ Floor Panels can be readily cut to size to suit floor layout requirements and openings.

Enviro™ AAC multi level floor system is ideal for residential and light commercial buildings. Enviro™ gives a solid feel under foot and has excellent noise reduction between floors.

Enviro™ 75mm thick Aerated Concrete (AAC) panels are extremely strong, each panel is reinforced through the centre with steel rods for added strength. Enviro is fixed to the floor framing of the building using a galvanised bugle for timber framing or a dual grip hex-head screw for steel framing. Installation of the panels is quick and can be done by your on-site builders in any weather condition.

<b>Dry Density</b>	525 kg/m <sup>3</sup>
<b>Compressive Strength</b>	4.0 Mpa
<b>Bending Strength</b>	1000N or above
<b>Dry Shrinkage Value</b>	0.3-0.5mm/m
<b>Water Absorption (by volume)</b>	Up to 24 - 35%
<b>Thermal Conductivity</b>	0.12 w/mk
<b>Sound Transmission Class (STC)</b>	35 dB for 1000Hz
<b>Fire Resistance</b>	2 hours

STOCKED IN:  
AUCKLAND, WELLINGTON  
& CHRISTCHURCH

Panel dimensions: 2200MM x 600MM  
Thickness: 75MM



## SYSTEM PROCESS

- 1/ Floor Joists**  
Timber or Steel Framing
- 2/ Masons Dryfix™ DPC**  
For protection between joists and panel
- 3/ Enviro™**  
75mm Panel
- 4/ Seam Adhesive**  
Seal and Flex™

Enviro™ only carries a fifth of the weight of that of concrete, therefore requiring minimal structural considerations and leaving a smaller environmental footprint.

DWG, DFX and PDF Detail drawings available from [www.mpb.co.nz/cad-details](http://www.mpb.co.nz/cad-details)

