

INSULATED
BY 3-5mm
EPS BEADS



Aluminium
paintable
weep hole vent
CODE: VENT

ThermalCrete™

Lightweight Panel System



“ The tongue and groove system provided a more rigid, straighter system and was stable on the wall. It was also very easy to cut and install due to the absence of steel rods, and provided better insulation than any other products I've used.”

Chris Barnett
Barnett Construction Ltd, Nelson



Accessories also
available from
Masons™:
Flashings, Beads &
Control Joints

ThermalCrete™ lightweight panel. Is an exterior plaster cladding system on a 20 mm or 45 mm cavity. ThermalCrete™ provides a fully insulated, drained, weatherproof barrier for residential and commercial constructions.

Thermalcrete™ provides a superior waterproof substrate better than most other lightweight concrete panel on the market. This because during the manufacturing process the sheets are bonded together (not laminated), making them energy efficient and giving them an excellent thermal rating.

	ThermalCrete	AAC	Difference
Water Absorption %	3.2	24-35	86%
Strength MPA	5MPA	4MPA	20%
Sound Transmission	36db	33db	8.3%
Outer Skin Strength MPA	14MPA	4MPA	71%
Thermal Rating	0.14w/mk	0.13w/mk	7.6%

Based on Enviro™ AAC specifications

STOCKED IN:
CHRISTCHURCH & AUCKLAND

Panel dimensions:
2.25M X 0.61M

Thichness: 50mm



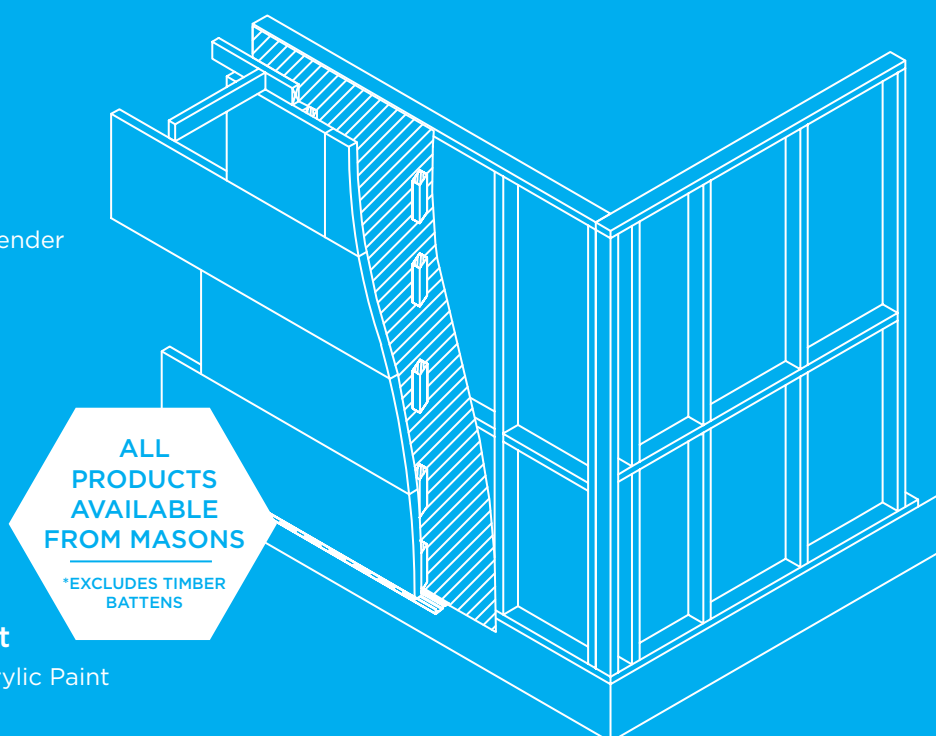
CODEMARK™
CMA-CM40073



SYSTEM PROCESS

- 1/ Building Wrap**
Masons Barricade or FR1
- 2/ Timber Battens**
45 x 45mm H3.2
- 3/ ThermalCrete™**
50mm Interlocking Panel
- 4/ Fibreglass Mesh 150gsm**
embedded in 3 mm Meshing Render
- 5/ Skimming Render**
this coat is optional
- 6/ Selected Finishing Coat**
Masons 1 or 2mm or Adobe
- 7/ Limestop Sealer**
by Masons
- 8/ Premium High Build Paint**
2 Coats of Masons Exterior Acrylic Paint

ThermalCrete™ in combination with Masons™ FLX™ (Acrylic Flexible Plaster) is the most trusted combination to weatherproof your frame with a plaster DWG, DFX and PDF Detail drawings available from www.mpb.co.nz/caddetails



ALL
PRODUCTS
AVAILABLE
FROM MASONS

*EXCLUDES TIMBER
BATTENS