

SPECIFICATIONS

Appliance Dimensions	996mm W x 758mm H x 548mm D
Fascia or Frameless	Frameless only
Compliance	Clearance tested to <i>AS/NZS 2918</i>
Flue Size	250mm/350mm /450mm/550mm
Flue Length (min. recommended)	2.4m - from the top of the appliance

Where the EW5000 Fireplace specification involves:

- Attaching the fireplace to a building's external wall, or
- With flue pathways through timber framed roofing, or
- Positioning the fireplace adjacent to combustible materials.

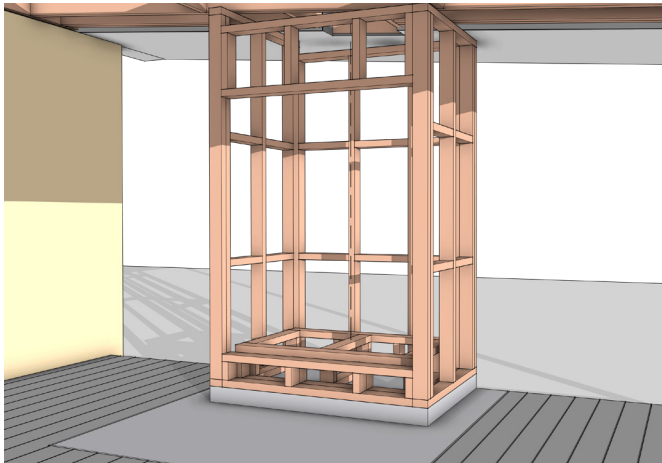
The safe and tested solution is to surround the fireplace in an AAC Panel cavity, that will insulate the timber framed walls from heat.

With this install method the EW5000 Timber Cavity Flue Kit must be used.

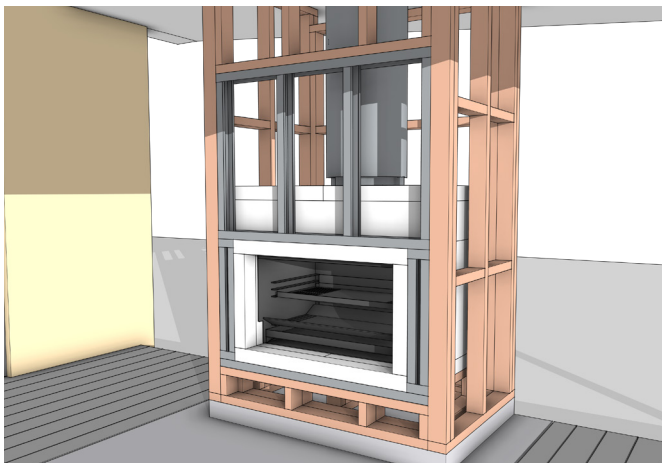
FIREPLACE FINISHES

Front wall AAC cavity claddings must be heat resistant or non-combustible, while side or back claddings can be combustible. Choose materials that are suitable for the location. Escea takes no responsibility for material selection or weathertightness, ensure the installation complies with local and national building codes.

INSTALLATION



Obtain flue centreline to ensure the flue run is clear from obstructions. Build the framework to the required dimensions and provide the ventilation inlet hole to the exterior. **Fireplace weight: 127kg + Flue (40kg)**



In this scenario an additional lightweight steel frame is used on the front face to support the wall linings and finishes.

AAC PANEL CAVITY REQUIREMENTS

The AAC panel cavity is a self-supporting structure, utilising aerated concrete's insulating properties to safeguard the surrounding timber framework from the fireplace, allowing for a safer installation in timber-framed buildings.

AAC panels are to be a minimum **75mm thick**, and have an R Value = 0.56m² K/W. The AAC cavity requires venting to provide fresh air into the cavity. Venting out of the AAC heat cell is through the 350mm flue liner.

	W	H	D	Vent Size
EW5000 AAC Panel Cavity	1200mm	950mm	735mm	24200mm ²

TIMBER CAVITY DIMENSIONS

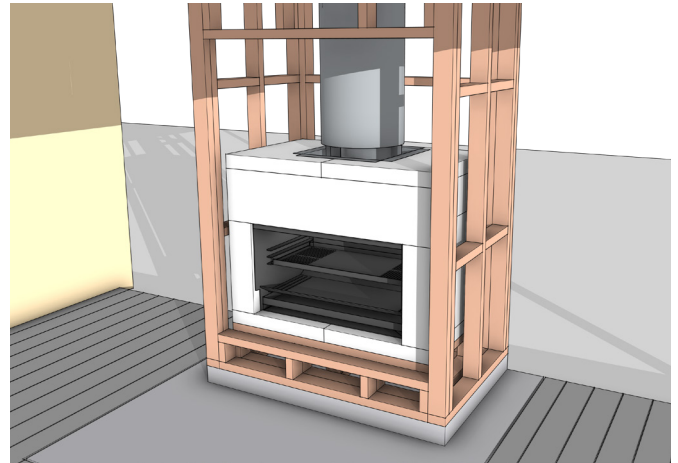
Timber framework can be used to the rear and sides of the fireplace but not to the front face, and it cannot be in contact with the AAC Panel Heat Cell. It is recommended to use lightweight steel framing to the front face of the cavity, to support wall claddings and finishes.

The timber cavity requires venting with air coming from an external space and not the building cladding cavity. Vents must be no higher than 300mm above the base.

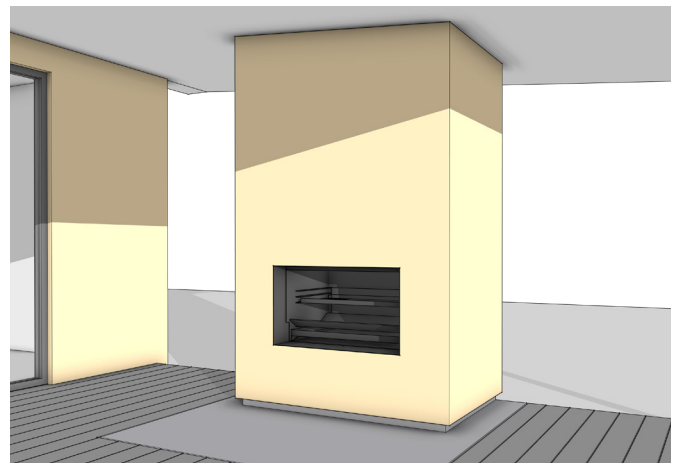
	W	H	D	Vent Size
EW5000 Timber Cavity Opening	1270mm	1550mm	770mm	94600mm ²

HEARTH REQUIREMENTS

The EW5000 fireplace requires a fully non-combustible floor or an insulating, heat resistant hearth complying with *AS/NZS 2918*. Minimum dimensions of an insulating hearth to be: **1884mm W x 1000mm D**.



Install the EW5000 into the AAC panel cavity according to the manufacturers instructions. Connect dropbox and flue components. Restrain the fire to its base. Complete the flue installation by installing the remaining 350mm and 450mm \varnothing flue liners to the correct configuration and height.



Detail the opening to cover the wall linings and protect from direct heat exposure. Complete the installation by installing the remaining fireplace components, apply any finishes to the walls, and install the floor protector or hearth.