

### PRODUCT

<b>Designated Building Product</b>	Class 1	<b>Manufacture Location</b>	New Zealand
<b>Name</b>	Escea EW5000 Outdoor Wood Fireplace	<b>Legal and Trading Name of Manufacturer</b>	Escea Ltd
<b>Line</b>	Escea EW5000	<b>Manufacturer Address for Service</b>	17 Carnforth St, Dunedin 9018
<b>Identifier</b>	Escea EW5000 Outdoor Wood Fireplace	<b>Manufacturer Website</b>	<a href="https://www.escea.com/nz/">https://www.escea.com/nz/</a>
		<b>Manufacturer Email</b>	info@escea.com
		<b>Manufacturer Phone Number</b>	(03) 478 8220
		<b>Manufacturer NZBN</b>	9429036562480

### DECLARATION

Escea Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations.

### PRODUCT DESCRIPTION

The EW5000 Outdoor Wood Fireplace is an open fronted, in-built, outdoor wood cooking fire with the ability to seamlessly transform from a cooking appliance into a fireplace for entertainment. This fireplace can be specified into the envelope of a building or as a freestanding, standalone structure. The EW5000 is made from a 6mm mild steel firebox, with a stainless steel fire grate and cooking plate. The stainless steel cooking plate is adjustable in height. Below the grate is an ash pan. The EW5000 can be used with or without the stainless steel fascia (dependent on install method). EW5000 Outdoor Wood Fireplace has tested solutions for the safe installation into the envelope of the building. The EW5000 is intended for outdoor installations where compliance with NES Air Quality standards is not required. Tested to *AS/NZS2918.2001/2018 Appendix B* and *Appendix F*, for clearance to combustibles.

### SCOPE OF USE

The EW5000 Outdoor Wood Fireplace is intended to be used within residential dwellings, and small commercial premises. This fireplace is intended to be in-built within a non-combustible, enclosed chimney cavity or structure, with a fully non-combustible floor or hearth below. Cavity and hearth dimensions should be in accordance with the manufacturer's instructions. Flue pathway should be located directly above the fireplace, within minimal offsets to ensure adequate flue draw. Flue diameter internally is 250mm. The EW5000 Outdoor Wood Fireplace is intended for outdoor installations where compliance with NES Air Quality standards is not required.

### CONDITIONS OF USE

Escea EW5000 Outdoor Wood Fireplace must be installed to *AS/NZS2918* and the manufacturer's instructions. These instructions are supplied with the fireplace and can be downloaded from the Escea Website: [www.escea.com/nz/service-and-technical/fireplace-specifications](http://www.escea.com/nz/service-and-technical/fireplace-specifications). Where installed into an external wall of the building, where the flue passes through a combustible roof, or where there are combustible materials adjacent to the chimney structure, the EW5000 must be installed following the tested install solution described in the manufacturer's instructions. This fireplace must be operated with an Escea flue kit and components. The product should be installed by an experienced wood fireplace installer or a member of NZ Home Heating Association.

### SUPPORTING DOCUMENTATION

The following additional documentation supports this declaration.

<b>Escea EW5000 Installation Manual</b> (Design, Installation, Maintenance, Warranty)	630187_10	<a href="https://www.escea.com/nz/service-and-technical/fireplace-specifications/">https://www.escea.com/nz/service-and-technical/fireplace-specifications/</a>
<b>Escea EW5000 Builders and Architect Information Sheet</b> (Design, Installation)	630211_5	<a href="https://www.escea.com/nz/service-and-technical/fireplace-specifications/">https://www.escea.com/nz/service-and-technical/fireplace-specifications/</a>

## RELEVANT BUILDING CODE CLAUSES

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**B2 Durability** - B2.3.1 (b)

**C2 Prevention of Fire Occurring** - C2.2, C2.3

**F2 Hazardous Building Materials** - F2.3.1

**G4 Ventilation** - G4.3.3 (i), G4.3.5

## CONTRIBUTIONS TO COMPLIANCE

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B2 Durability

Escea EW5000 complies with *B2.3.1 (B)* having a durability of 15 years when installed and operated in accordance with the manufacturer's instructions, built into a non-combustible structure and not exposed to moisture. Regular maintenance as indicated within the manufacturer's instructions, will allow for failure to be detected for hidden components, such as flue systems.

C2 Prevention of Fire Occurring

Escea EW5000 has been tested to, and complies with *AS/NZS2918, Appendix B and Appendix F*. Installation following the manufacturer's instructions, will ensure compliance with *Acceptable Solution C/AS1*, for clearances to combustible materials.

F2 Hazardous Building Materials

Escea EW5000 is inert and safe when handled.  
The fireplace must be installed with a flue system fixed and operational. There are no requirements for this product to comply with *Acceptable Solution F2/AS1*.

G4 Ventilation

Escea EW5000 must be installed with a flue system fixed and operational, and the fireplace operated with the door closed. This ensures that products of combustion are removed from a building and conforming to *NZBC Clause G4.3.3 (i)*. The Escea EW5000 takes combustion air from outside the building via the firebox opening. No additional ventilation of the building is required to compensate for combustion air removal, with no requirements to conform with *Acceptable Solution G4/AS1 Sec. 1.3.2*.

## RESPONSIBLE PERSON

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As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that EW5000 Outdoor Wood Fireplaces is not subject to a warning or ban under s26 of the Building Act.

Signed for and on behalf of Escea Ltd:

**James Fisher**

Chief Innovation Officer - Escea Fireplace Company

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