

PRODUCT

Designated Building Product	Class 1
Name	Escea EK1550 Outdoor Fireplace Kitchen
Line	Escea EK Series
Identifier	Escea EK1550 Outdoor Fireplace Kitchen

Manufacture Location	New Zealand
Legal and Trading Name of Manufacturer	Escea Ltd
Manufacturer Address for Service	17 Carnforth St, Dunedin 9018
Manufacturer Website	https://www.escea.com/nz/
Manufacturer Email	info@escea.com
Manufacturer Phone Number	(03) 478 8220
Manufacturer NZBN	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 EK1550 Outdoor Fireplace Kitchen 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 EK1550 is made from a 6mm mild steel firebox, with cast iron grilles and stainless steel inner panels. It has customisable cooking plates, hanging rails, an ember generator, and a fire brick base. EK1550 Outdoor Fireplace Kitchen has tested solutions for the safe installation into the envelope of the building.

The EK1550 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 EK1550 Outdoor Fireplace Kitchen 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 350mm.

The EK1550 Outdoor Fireplace Kitchen is intended for outdoor installations where compliance with NES Air Quality standards is not required.

CONDITIONS OF USE

Escea EK1550 Outdoor Fireplace Kitchen 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

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 EK1550 must be installed following either of the tested install solutions described in the manufacturers 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.

Escea EK Series Installation Manual (Design, Installation, Maintenance, Warranty)	630451_7	https://www.escea.com/nz/service-and-technical/fireplace-specifications/
Escea EK1550 Builders and Architect Information Sheet (Design, Installation)	630472_3	https://www.escea.com/nz/service-and-technical/fireplace-specifications/

RELEVANT BUILDING CODE CLAUSES

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

B2 Durability

Escea EK1550 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 EK1550 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 EK1550 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 EK1550 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 EK1550 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

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 EK1550 Outdoor Fireplace Kitchen is not subject to a warning on 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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