

Spartherm Single XL Wood Fireplace

Building Products Information Register Declaration



PRODUCT

Designated Building Product	Class 1
Name	Spartherm Single XL Wood Fireplace
Line	Spartherm Wood Fires
Identifier	Single XL (Varia Bh-P7) Wood Fire

Manufacture Location	Overseas
Legal and Trading Name of Manufacturer	on Behalf of Escea Ltd
Legal and trading name of Importer	Escea Ltd
Importer Address for Service	17 Carnforth St, Dunedin 9018
Importer Website	https://www.escea.com/nz/
Importer Email	info@escea.com
Importer 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. 2022.

PRODUCT DESCRIPTION

The Spartherm Single XL Wood Fireplace is an in-built, slow combustion, solid fuel fireplace intended for indoor use. This in-built wood burning fireplace contains a glass fronted, mild steel firebox with a 750mm log width capacity. The Spartherm Single XL Wood Fireplace is designed to be installed within a self-supporting skamotec enclosure to achieve clearances to combustible materials. Suitable for heating rooms up to 220m² in volume.

The flue system comprises a triple skin flue system for its entire length, being 200/250/300mm Ø. The skamotec enclosure is to have minimum dimensions of 1370mm W x 2400mm H x 790mm D.

The Spartherm Single XL Wood Fireplace is intended for clean air installations where compliance with NES Air Quality standards is required. Tested to *NZS 4012* with an efficiency of 65.3%, and tested to *NZS 4013* for emissions of 0.92g/kg. Tested to *AS/NZS2918:2001 Appendix B* and *Appendix F*, for clearance to combustibles.

SCOPE OF USE

The Spartherm Single XL Wood Fireplace is intended to be used within residential dwellings, and small commercial premises. It is capable of heating up to 220m² in floor area (subject to specific building design). Ideally such spaces should be open plan areas, to maximise the free flow of air throughout.

This fireplace is intended to be installed onto a hearth. Minimum hearth dimensions should be in accordance with the manufacturer's instructions.

The flue pathway should be located directly above the fireplace, with minimal offsets to ensure adequate flue draw. Flue diameter internally is 200mm.

The Spartherm Single XL Wood Fireplace is intended for clean air installations where compliance with NES Air Quality Standards may apply.

CONDITIONS OF USE

The Spartherm Single XL Wood Fireplace must be installed to *AS/NZS2918:2001* and the manufacturer's instructions. These instructions are supplied with the fireplace and can be downloaded from the Stoke Fires Website: <https://stokefires.com/>

This fireplace must be operated with a flue kit tested to *AS/NZS2918:2001 Appendix F* and components.

The product must be installed by a trained Spartherm Installer.

SUPPORTING DOCUMENTATION

The following additional documentation supports this declaration.

Spartherm Insert Wood Fire Owners Manual and Installation Instructions (Design, Installation, Maintenance, Warranty) 630359_5

<https://www.stokefires.com/workspace/uploads/media/downloads/630359-5-spartherm-installation-and-user-guide.pdf>

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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

G12 Water - G12.3.2, G12.3.6

CONTRIBUTIONS TO COMPLIANCE

B2 Durability

Spartherm Single XL complies with *B2.3.1 (B)* having a durability of 15 years when installed and operated in accordance with the manufacturer's instructions, 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

Spartherm Single XL has been tested to, and complies with *AS/NZS2918:2001 Appendix B and F*. Installation following the manufacturer's instructions, will ensure compliance with *Acceptable Solution C/AS1*, for clearances to combustible materials.

F2 Hazardous Building Materials

The Spartherm Single XL Wood Fireplace 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

The Spartherm Single XL Wood Fireplace 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 Spartherm Single XL Wood Fireplace can take combustion air from outside the building or within the room. No ventilation of the building is required to compensate for combustion air removal when taken from outside. Additional room ventilation will be required where combustion air is taken from the room. This can be provided by windows or other openings with a net open-able area of 5% of the floor area of the space, to conform with *Acceptable Solution G4/AS1 Sec. 1.3.2*.

STATEMENT OF RESPONSIBILITY

Escea Ltd as set out in Regulation 3, confirms 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 our knowledge, correct.

Escea can confirm that Spartherm Single XL Wood Fireplace is not subject to a warning or ban under s26 of the Building Act.

For Further information regarding this or any Spartherm fireplace, please contact the Escea Architectural Advisory Team:
Email: aa@escea.com

PH (NZ): 0800 17 3000

Installation Manual and CAD files are available via the QR Code or link:
<https://www.stokefires.com/nz/spartherm>

