Maxen Kinmont 350 Wood Fireplace

Building Products Information Register Declaration

MAXEN

PRODUCT

Designated Building Product	Class 1
Name	Maxen Kinmont 350 Wood Fireplace
Line	Maxen Wood Fires
Identifier	Maxen Kinmont 350L Wood Fireplace
	Maxen Kinmont 350P Wood Fireplace
	Maxen Kinmont 350WS Wood Fireplace

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 Maxen Kinmont 350, is a free-standing, slow combustion, solid fuel fireplace intended for indoor use. This freestanding wood burning fireplace contains a glass fronted mild steel firebox with a 30.5L Firebox capacity, and a steel surround which provides radiant heat. Suitable for heating rooms up to 180m2 in volume. The flue system comprises a single painted internal flue, with two additional liners as it passes through a roof. Damper control for the supply of air to the firebox, during operation and refueling, is fixed to exterior of the Fireplace.
The Maxen Kinmont 350 is intended for clean air installations where compliance with NES Air Quality standards is required. A rural conversion can be made to this fireplace for use outside of clean-air locations. Tested to *NZS 4012* with an efficiency of 65.4%, and tested to *NZS 4013* for emissions of 0.69g/kg. Tested to A*S/NZS2918:2001 Appendix B* and *Appendix F*, for clearance to combustibles.
The Maxen Kinmont 350 can be used for hot water heating with a water booster system in rural and NES clean air locations.

SCOPE OF USE

The Maxen Kinmont 350 is intended to be used within residential dwellings, and small commercial premises. It is capable of heating up to 180m2 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 150mm.
The Maxen Kinmont 350 is intended for clean air installations where compliance with NES Air Quality Standards may apply. A rural conversion can be made to this fireplace for use outside of clean-air locations.

CONDITIONS OF USE

The Maxen Kinmont 350 must be installed to A*S/NZS2918:2001* and the manufacturer's instructions. These instructions are supplied with the fireplace and can be downloaded from the Maxen Website: https://maxenfireplaces.com/
This fireplace must be operated with a Maxen 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.

Maxen Freestanding Wood Fire Owners Manual and Installation Instructions(Design, Installation, Maintenance, Warranty)	630685_1	https://eps4kvbjshm.exactdn.com/wp-content/uploads/2023/10/630685_1-Maxen-Freestander-Manual-and-Install-Instructions.pdf
Maxen Kinmont 350 Builders and Architect Information Sheet (Design, Installation)	630696_1	https://eps4kvbjshm.exactdn.com/wp-content/uploads/2023/10/630696_1-Maxen-Kinmont-350-Spec-Sheet.pdf

Maxen Kinmont 350 Wood Fireplace

Building Products Information Register Declaration

MAXEN

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	Maxen Kinmont 350 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	Maxen Kinmont 350 has been tested to, and complies with A*S/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 Maxen Kinmont 350 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 Maxen Kinmont 350 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 Maxen Kinmont 350 Wood Fireplace requires room air for combustion. Additional ventilation of the building is required to compensate for combustion air removal. This is provided by windows or other openings with a net openable area of 5% of the floor area of the space, to conform with *Acceptable Solution G4/AS1 Sec. 1.3.2.*
G12 Water	Maxen Kinmont 350 allows for the use of a water booster or wetback system, to heat water from the fireplace. The water booster kit is supplied as secondary part and is to be installed in accordance with *NZBC G12 AS1* or *AS/NZ S3500.1.* The water booster kit uses 25mm copper pipework and compatible fittings to allow connection to the building's hot water supply network and low pressure hot water storage cylinder. A backflow preventer to comply with *NZBC G12.3.2,* must be installed to avoid cross contamination of potable water, and a tempering valve to comply with *NZBC G12.3.6* must be incorporated into the system to reduce the likelihood of scalding.

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 Ltd can confirm that Maxen Kinmont 350 Wood Fireplace is not subject to a warning on ban under s26 of the Building Act.

For Further information regarding this or any Maxen 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://maxenfireplaces.com/technical-downloads/