

Application note:
Freestanding external installation of The Kiwi
Outdoor Large Oven



This document gives guidance for specifying freestanding external installations of The Kiwi Outdoor Large Oven in line with the New Zealand building code and AS/NZS 2918:2001.

This information does not apply to:

- × Internal installations
- × Built-in external installations.
- × The Kiwi Outdoor Nugget Oven.

This document is a guide only. For further information, refer to the building code and the above standard, or contact The Kiwi Outdoor.

Minimum Safety Clearances

Horizontal clearance

Table 1 and Figure 1 show the minimum safety clearances between combustible materials, and the back and sides of the oven.

Table 1: Minimum safety clearance to combustible material at the back and sides of the oven.

	Minimum clearance (mm)	
	Back	Sides
No heat shield	1200	520
Double heat shield	350	520

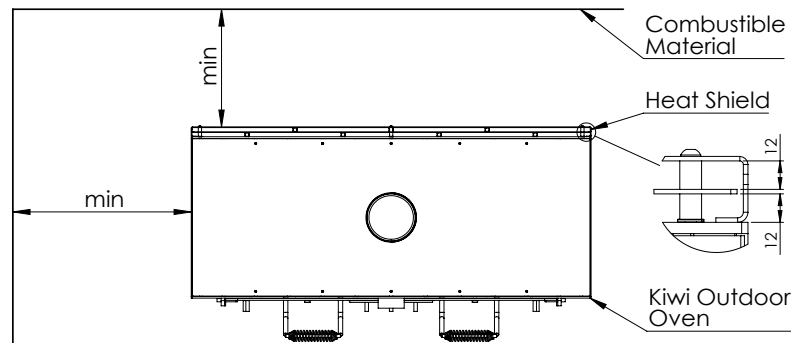


Figure 1: Minimum safety clearances and double heat shield.

Overhead clearance

If the flue passes through a ceiling using the flue system described on page 4, the minimum clearance from the top of the oven to the ceiling is 970mm. In all other cases the minimum clearance between the top of the oven and any material above it is 1500mm, as shown in Figure 2.

Non-combustible clearance

The Kiwi Outdoor recommends a minimum 25mm air gap between the oven and non-combustible material.

An additional 25mm air gap is recommended between the non-combustible material and any nearby combustible material.



Figure 2: Clearance between the oven and combustible material above the oven.

Hearth

The floor around the oven must be non-combustible material at least 1520mm wide and extending at least 650mm in front of the oven.

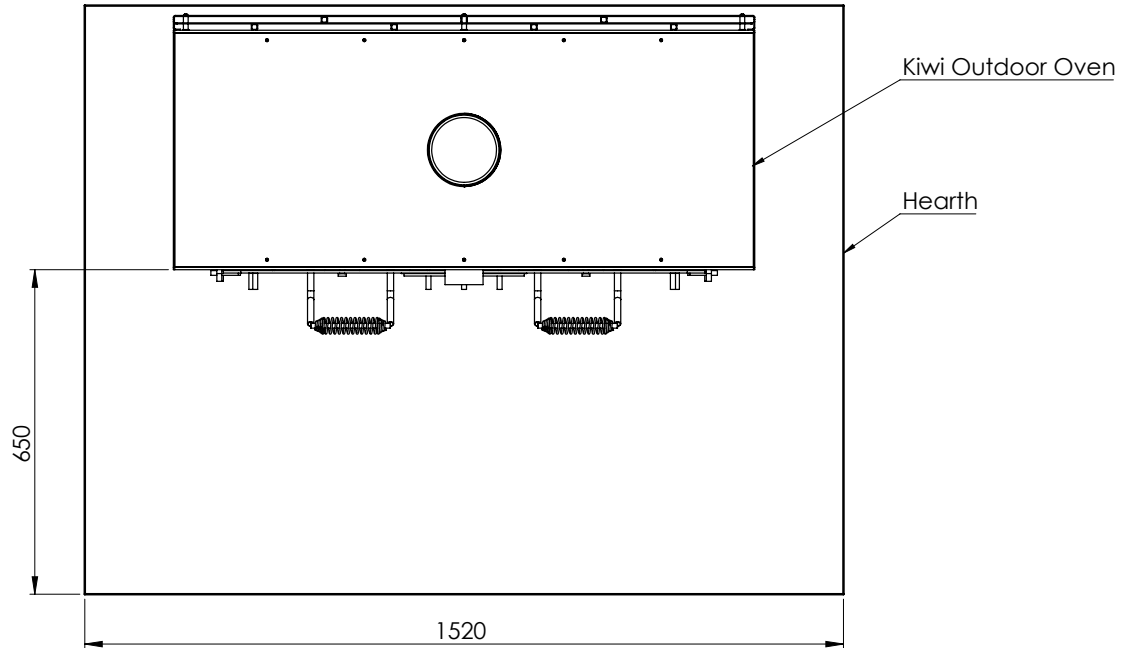


Figure 3: Minimum size of non-combustible flooring surface.

If the floor in this area is made of combustible materials, add a non-combustible hearth on top, as shown in Figure 4. The Kiwi Outdoor can supply chequer plate hearths if required.



Figure 4: Chequer plate hearth used over floor made of combustible material.

Flue

If the flue passes through a ceiling, then the flue system shown in Figure 5 is required. The following components are needed, and can be supplied by The Kiwi Outdoor:

- SFP CPTU2 drop box.
- Triple lined flue system.
- Adaptor between the oven and the flue.

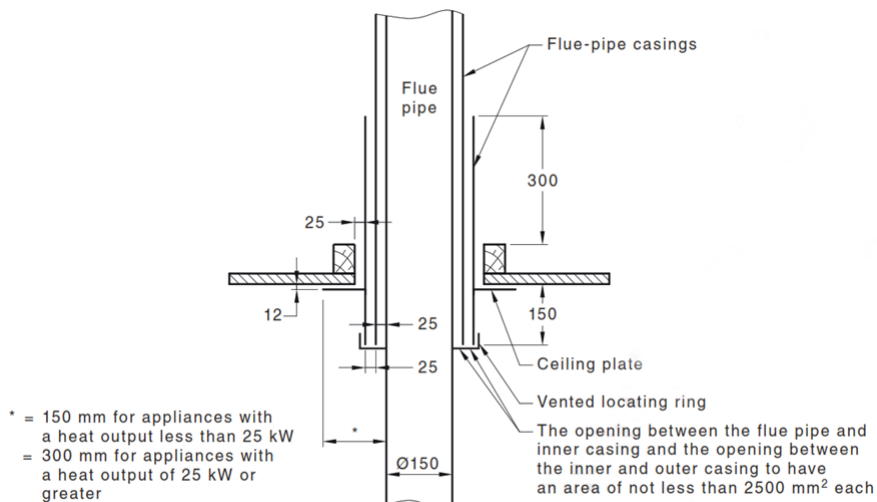


Figure 5: Triple lined flue with drop box

The flue must be higher than any structure within a 3-meter radius. See Figure 6 and any relevant flue installation instructions.

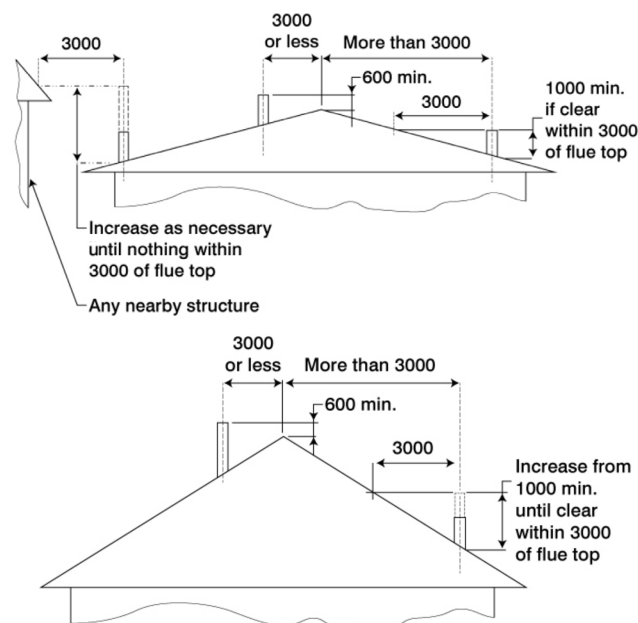


Figure 6: Flue exit requirements.