

**THERMALUX GUIDE**  
**HEAT SHIELDING FOR STOVES**

**Thermalux**

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## Heat shielding stoves with 25mm Thermalux®

The guidance here only applies to stoves which have a tested distance to combustibles to the sides and rear of 700mm or less. For the rest you must follow manufacturer's recommendations and the distance to combustibles given in the lab test results.

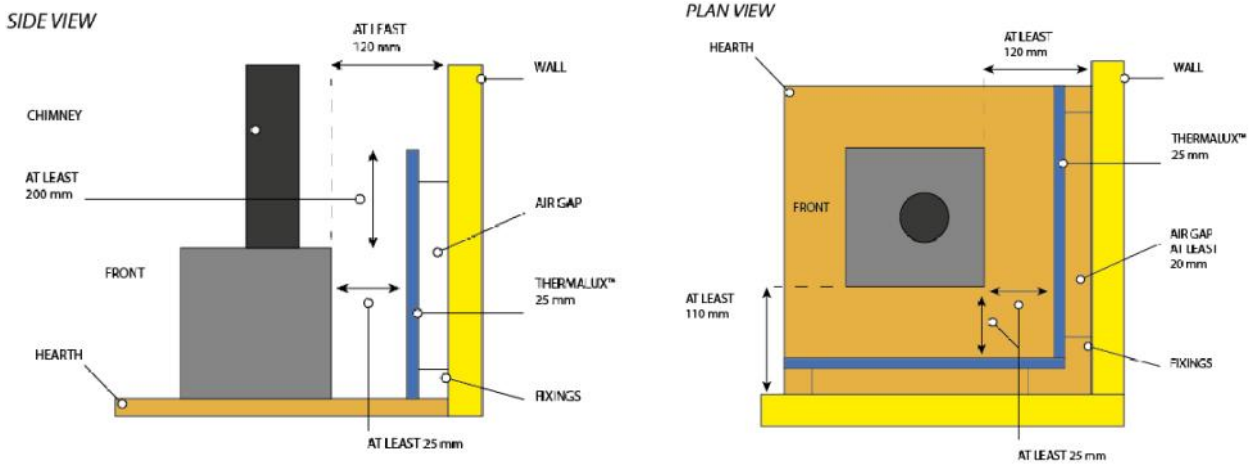
This method uses 25mm Thermalux® insulation boards with an air gap behind. The air gap can be open or sealed.

### 1. Requirements

- The Thermalux® 25mm board is used as the insulation board and thin strips used to provide the fixings at the edges.
- Strips of Thermalux® provide a place for fixings as well as creating a 25mm air gap. If alternative fixings and spacers are used then the minimum air gap is 20mm.
- This air gap may be open or closed.
- The board has to extend at least as wide as the hearth, and at least 200mm above the stove/appliance.
- Fixings should be at the edges and non combustible. If using glue then make sure it can withstand 150°C and will not give out harmful fumes when hot.

## Heat shielding when the stove is parallel, or no more than 30° to the wall

Maintain a gap between the stove and the wall of at least 120mm to the back and 110mm to the sides.



## Heat shielding when the stove is in a corner facing out

Maintain a gap between the back corners of the stove and the wall of at least 70mm, with a gap of at least 20mm between the stove and the Thermalux® board. Thermalux® 25mm used as both the board and spacer strips achieves the 70mm perfectly: 20mm(gap) + 25mm(board) + 25mm(strip/fixing) = 70mm.

