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**THERMAL CLEARANCE TESTING OF THE SHAMIC
SHEETMETAL PTY LTD COONARA SETTLER I600 INBUILT
AND ZERO CLEARANCE BOX**

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The results of the tests, calibrations and/ or measurements included
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ACCREDITATION

THERMAL CLEARANCE TESTING OF THE COONARA SETTLER I600 INBUILT AND ZERO CLEARANCE BOX

Report

The Coonara Settler I600 Inbuilt and Zero Clearance box with an 6" triple skin flue kit was tested in a combustible enclosure in a manner conforming to joint Australian/New Zealand Standard 2918:2018, Appendix B.

A minimum 575mm deep x 745mm wide x 18mm thick floor protector (compressed board) should be used under the appliance, a minimum 1000mm wide x 500mm deep x 36mm thick floor protector (compressed board) must be used in front of the appliance base when installing the appliance (see joint AS/NZS 2918:2018 3.3.2). The floor protector should extend 500mm in front of the fuel loading door and be placed centrally in the 1000mm width. The Thermal resistivity of the floor protector is 0.08m².K/W for 6mm thick compressed cement sheets.

The appliance and Flue Combination should be installed at the following clearances;

- Venting in the ceiling of the enclosure around the outer triple flue skin must be a minimum of 283,150mm², evenly spaced around the outer casing.
- The outer casing of the flue (10¼") must be vented into the zero-clearance box outer skin and be sealed to prevent venting into the enclosure
- The inner galvanised casing of the flue (8¼") must be vented into the zero-clearance box inner skins and be sealed to prevent venting into the enclosure
- The front wall of the enclosure must be made of non-combustible material to a height of 220mm above the zero box and must extend to 100mm either side of the zero box.
- 220mm from the top of the Zero Clearance box to the first internal wall noggin, the noggin must be a minimum of 130mm from the flue outer casing.
- The rear Combustible wall of the enclosure must be no closer than 25mm from the rear of the appliance zero Clearance box
- The side Combustible wall of the enclosure must be no closure than 25mm from the side of the appliance zero clearance box

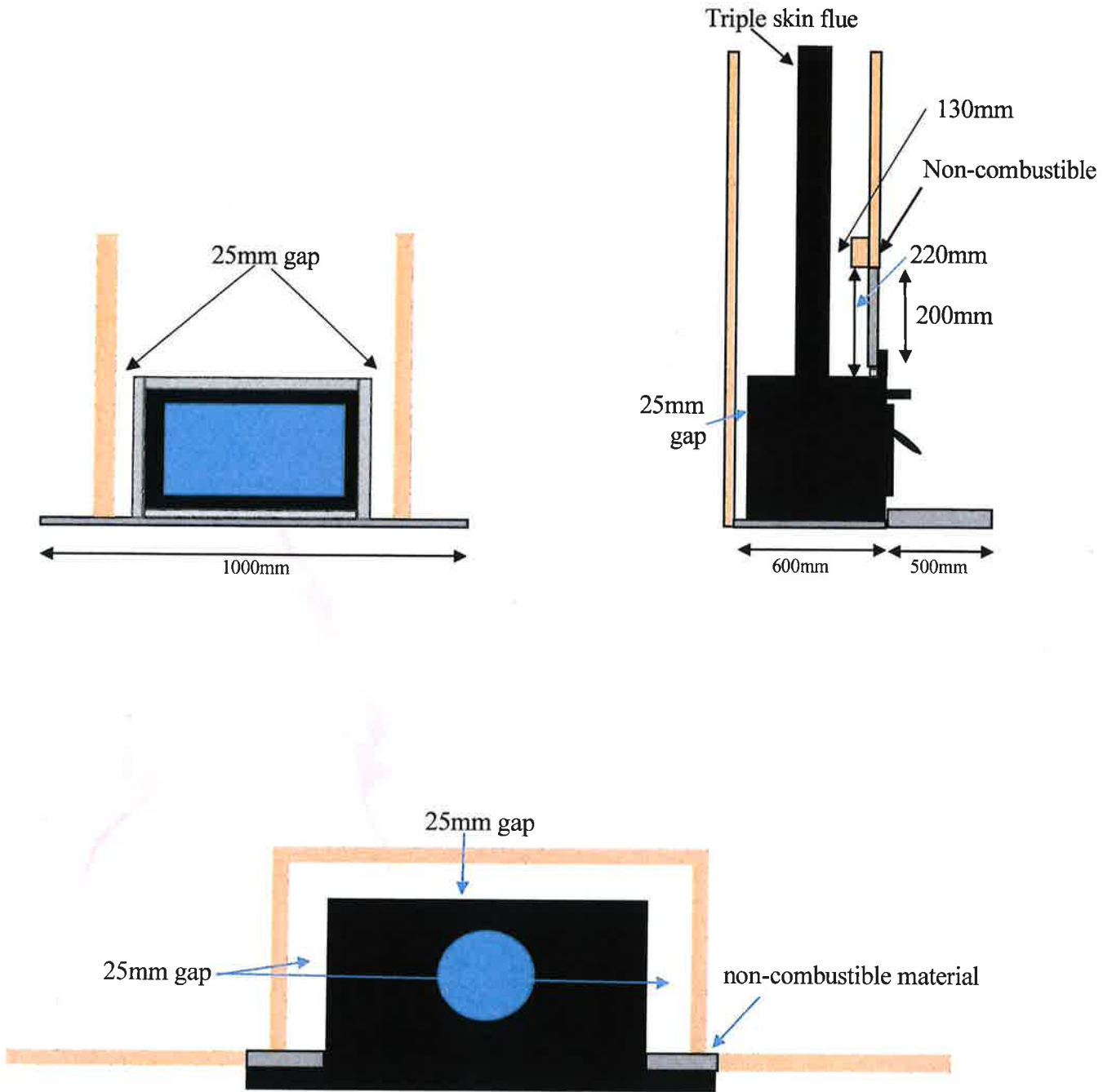


Figure 1 – Clearance Diagram

The Coonara Settler I600 Inbuilt and Zero Clearance box solid fuel appliance installed into a zero clearance enclosure conforms to the requirements of the joint AS/NZS 2918:2018 Standard, Appendix B.

7. CONCLUSION

The Coonara Settler I600 Inbuilt and Zero Clearance box with a 6" triple skin flue kit conforms to the requirements of Australian/New Zealand Standard 2918:2018, with respect to floor and Zero enclosure internal surface temperatures, when tested in the test position shown in Figure 1 of this report in accordance with Appendix B of AS/NZS2918:2018.