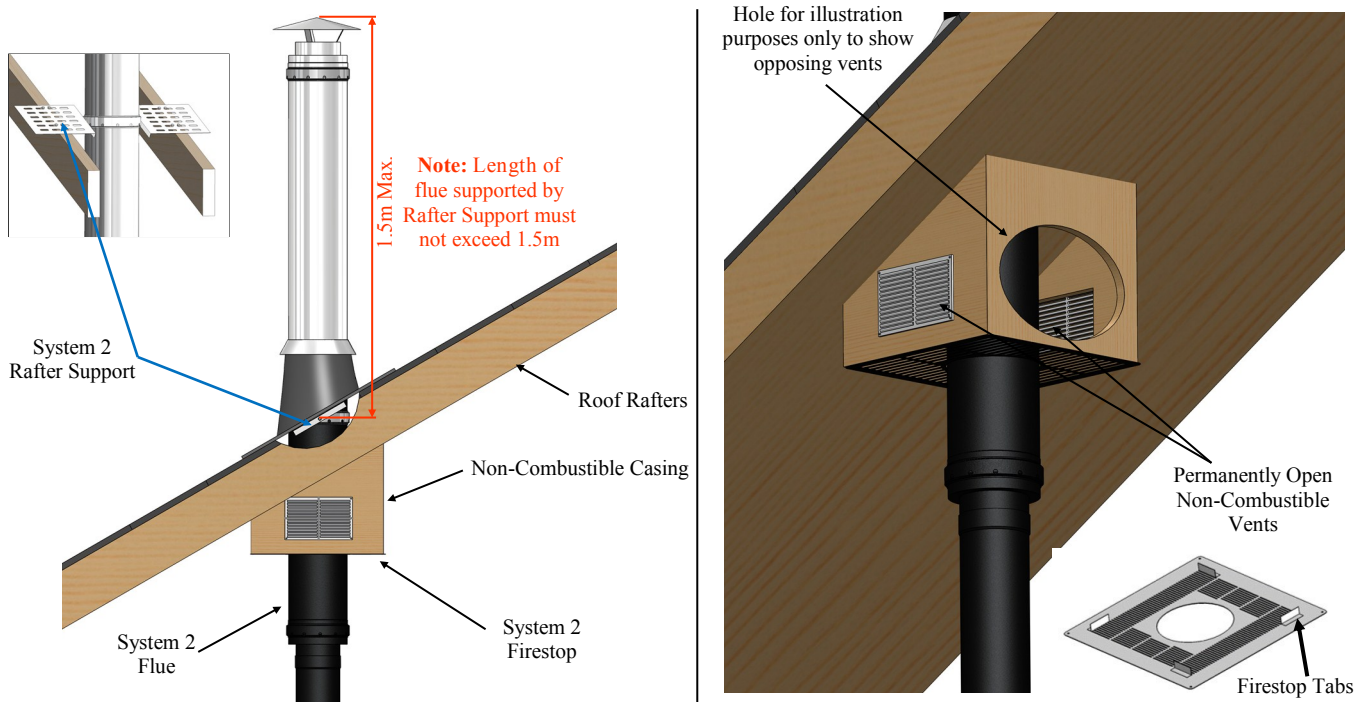




System 2 Firestop Installation Guide

Pitched Roof Firestop Installation Instructions



Instructions

Where a flue passes through a ceiling or roof of a conservatory as shown in illustration above, a firestop plate must be used to allow for ventilation to occur throughout the enclosed area and to ensure that the flue is centralised as it passes through the roof. The firestop plate is also used to maintain the 60mm clearance to combustible distance.

Firestops are only suitable to be fixed in the horizontal plane position. In the case where the ceiling / roof is at a pitched angle, a casing should be constructed from a non-combustible material to allow for the sturdy fixing of the firestop plate to the horizontal position.

The structure should be sized to allow for two adequately sized vents to be positioned opposite each other as shown, while also maintaining the 60mm clearance from the surface of the flue as dictated by the firestop tabs*. Two sufficient sized holes should be formed in two opposing faces of the casing to allow for the flow of cool air through out the enclosed area. These holes should be closed off using non-combustible vents as shown.

Ensuring the four firestop tabs are positioned inside the casing, the firestop plate should be screwed to the casing with fixings adequate for the purpose.

The casing and firestop plate keep the flue run centralised but do not offer any load bearing support. The flue must be supported where appropriate below the casing. A rafter support must be screwed to the top side of the rafter prior to the fitting of the flashing. The rafter support uses the strength of the rafters to stabilise the flue while also acting as a load bearing support. The length of flue supported by the rafter support should not exceed 1.5m as per drawing above. Care must also be taken to ensure that no joint between flue sections are enclosed within the casing.

*Refer to Mi-Flues System 2 Brochure for more System 2 installation details.

NOTE: This leaflet only covers installations as per illustrated drawings above.