

Rinnai | Horizontal Flue Penetrations Through Walls

About this document

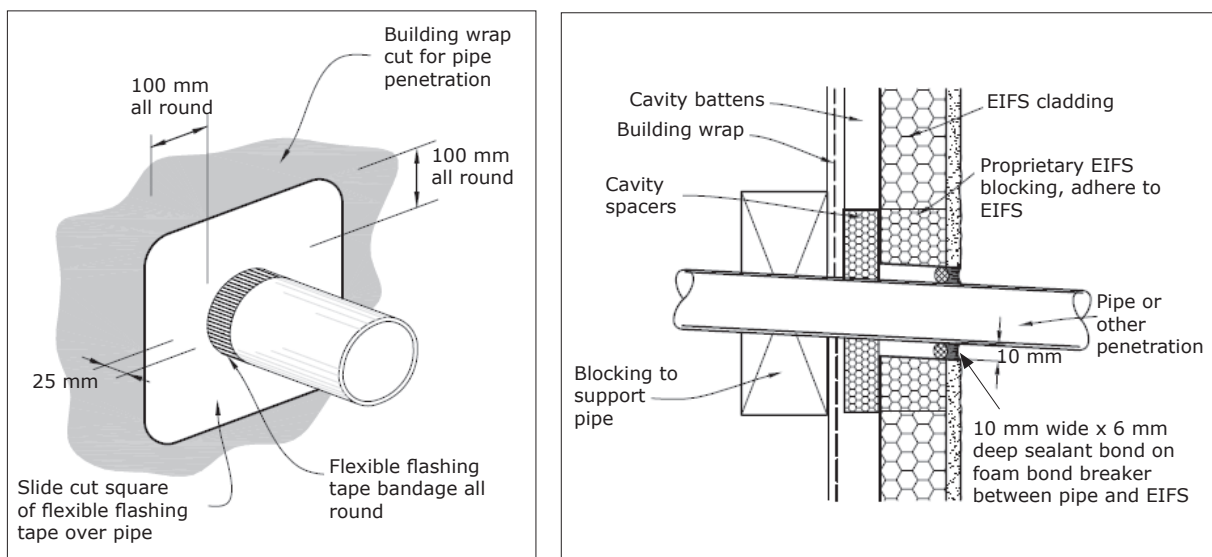
This is a guide only and should be used in conjunction with cladding suppliers documentation and E2/AS1. It is not intended as a step by step instruction to ensure building weather tightness.

Rinnai accepts no responsibility for building weather tightness issues arising from installation of a Rinnai flue system.

Horizontal flue penetrations through walls

In general¹ these should be treated as a standard pipe penetration.

Refer to the cladding suppliers documentation on pipe penetrations of their proprietary cladding system. Alternatively refer to E2/AS1 figures 68 and 126, these have been reproduced below for ease of reference.



In summary:

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|--------------------------------------|---|
| Cut building wrap | Cut building wrap to suit pipe. |
| Attach flexible flashing tape | Cut a square of flexible flashing tape at least 100 mm larger all round than the pipe. Slide over the pipe and seal to building wrap. |
| Seal flashing tape | Seal flashing tape to pipe with a tape bandage with at least 25 mm overlap onto the pipe. |
| Seal cladding to pipe | Seal cladding to pipe using a sealant complying with 9.1.9.3 (a or b) on a foam bond breaker. |

¹ For single skin flues with high surface temperatures, such as the Rinnai Infinity HD250 Internal, the flue should pass through a suitable collar (installed as above) of sufficient diameter to maintain required clearances to combustibles.