



NOTE :

1. When installing EWI in a property with a central heating boiler or water heater the existing flue should be extended to clear the surface of the EWI in accordance with the appliance manufacturer's instructions. Flue extensions shall only be undertaken by a Gas Safe registered engineer (or OFTEC registered technician) taking account at the temperature resistance of the EWI material. If any part of the flue in contact with the EWI system can exceed 70°C then a collar of mineral fibre insulation is required around the flue to protect the EWI system.
2. Reference should be made to 'Specification For The Installation Of External Wall Insulation Ensuring The Safety And Operation Of Fuel Burning Appliances V.1.0 (NIA)'.

- ① Permarock EPS-Premium Insulation (thickness to specification) on Permarock Adhesive
 - ② Permarock Mineral Fibre Insulation collar (thickness as ①) fully adhesively bonded and mechanically fixed, see Note 1
 - ③ Boiler/heater flue
 - ④ Insulation boards to be tightly butted at all joints, all gaps to be filled. Permarock EPS-Premium to be filled with Permarock B1 Foam. Permarock Mineral Fibre insulation to be filled with slivers of mineral fibre to full depth of insulation
 - ⑤ Permarock Insulation Fixing
- * X: Dimension depends on flue types, min 100 mm.

Where applicable all dimensions and details should be read in conjunction with specialist consultants drawings and the project specification.

All dimensions should be checked on site by the contractor and any discrepancies should be brought to the attention of Permarock Products Ltd.

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Notes :

Rev	Date	Amendments	By	Approved



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Client : -

Project : PAS 2030/2035: 2019 Compliant Projects

Project Ref : -

Title : Elevation - Insulation Collar at Boiler Flue Penetration

Drawn By : HN Approved By : RWT

Date : 15/05/2025 Original Size : A3

Scale : NTS

Drawing No : G004 Rev.