ECO Vit Installations Instructions

Product Designation and Type Testing

Product Type	Designation
Connecting Flue Pipe	EN 1856-2 T450 P2 D VmL80060 G600

BSRIA report number 53089/1

For detailed installtion guidelines please refer to the following:
HETAS - Heating Equipment Testing and Approval Scheme
NACS - National Association of Chimney Sweeps
Building Regulations
Planning Office
BS EN 15287
Appliance Manufacturer's Operating and Maintenance Instructions

1. Ecovit Vitreous Enamel flue pipe should only be used to connect from the appliance into an existing lined chimney, or a class 1 twin wall insulated stainless steel chimney. Under no circumstances is Vitrelux to be used externally or to line an existing chimney.
2. We recommend no more than 1.5m of Ecovit be installed from the appliance to the existing chimney, twin wall class 1 system or Euroflex multifuel liner to avoid excessive condensation.
3. 600mm minimum clearance must be maintained from combustibles materials for Connecting Flue Pipe T450 applications.
4. Ecovit should be fitted with socket uppermost, spigot (reduced end) downward. Thus, no condensate can escape to spoil the appearance of the finished installation. It is not suitable for condensing applications.
5. Each joint must be coated with a jointing compound, High Temperature Fire Cement, (1200°C), to ensure gas-tight fit. A clip may be added to provide a decorative finish.
6. Where installations are required to pass through an external wall the Ecovit product should be connected internally before penetrating the wall, to a suitable product for the application, e.g. for a solid fuel application, a twin wall Class 1 system chimney such as HT Plus. We would also recommend that a wall sleeve (short piece of duct the next diameter up) should be used around the pipe. The gap can be sealed with non-combustible insulation material. Ecovit is not suitable for use externally.
7. Provision for inspection/sweeping must be made. Inspection lengths are available for this purpose.
8. The chimney diameter should never be reduced to less than the diameter specified by the appliance manufacturer, in some cases this may involve an increase in diameter from the appliance spigot.
9. Ensure that adequate air is available for combustion. Refer to Building Regulations Document J.
10. Chimney components must not be modified.
11. Where there is a risk of combustibles being placed next to the chimney, the minimum distances to combustibles must be maintained either by a permanent enclosure or shield.
12. The finished installation shall have a Midtherm chimney plate completed as detailed in the Building Regulations.
13. Installations shall be designed, installed and commissioned by qualified and competent people in accordance with Building Regulations and BS EN 15287. A smoke test should be carried out and if there are any leaks, or any significant spillage, the fault must be rectified before the appliance is used.
14. Provisions must be made for condensate drainage where required.

The above notes are an outline only of some of the aspects of good chimney installation practice. Please refer to the documents listed above for further guidance.