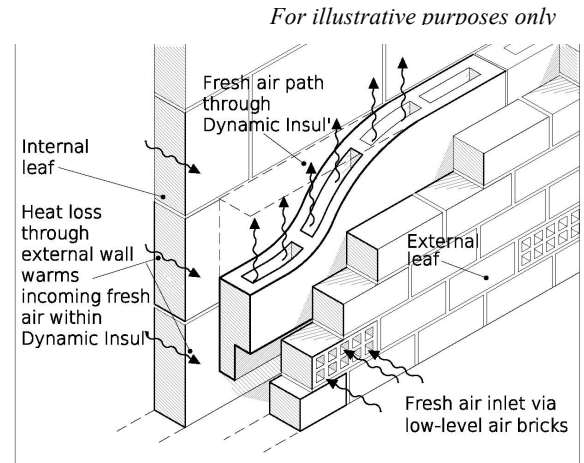


1.1 Energyflo XS Dynamic Insulation

Energyflo XS Dynamic insulation has been installed in the external walls of the Dwelling

What is XS Dynamic Insulation?

XS Dynamic Insulation has been developed by Energyflo Insulation Technologies Ltd and is an ‘active’ insulation product, which offers several advantages over normal ‘static’ insulation products. The Energyflo insulation panels are hollow to allow fresh air to be drawn through them and be pre-warmed by the heat which is lost normally through the building fabric thus reducing energy consumption.



Typical External Wall Configuration at Low Level

The pre-warmed air, which has been drawn up through the building is then fed directly to the Mechanical Ventilation intake, thus relieving base heating load and saving energy.

Why use Dynamic Insulation.

Dynamic Insulation offers the following advantages;

Environmental benefits

Dynamic Insulation reduces energy consumption and CO₂ emissions

Cost Saving

Dynamic Insulation reduces fuel bills

1.2 Requirements of the Occupant

IMPORTANT NOTE: The environmental and cost benefits indicated above are best achieved by ensuring that the ventilation fan runs continuously, i.e. 100% of the time

Maintenance of The XS panels

It is recommended that no obstruction should be placed in front of any of the air inlets; these may be located at the base of all external walls containing The Panels and may also be located at first storey height.

It is advised that the area around the inlets remain clear to allow a free-flow of air vertically through The Dynamic Insulation panels which have been built into the wall

As with all buildings that contain Mechanical Heating and Ventilation systems; to achieve optimum operating efficiency, it is advised that user 'venting'; by opening a window or door, is kept to a minimum.

Maintenance of the Mechanical Ventilation System

The regular maintenance schedule of The Mechanical Ventilation system should be followed as per the Mechanical Ventilation Manufacturers requirements.

Energyflo XS insulation functions as per normal insulation in the event of Mechanical Ventilation failure.

The Contact details of Energyflo Insulation Technologies are;

Energyflo Insulation Technologies

49 Queen Street

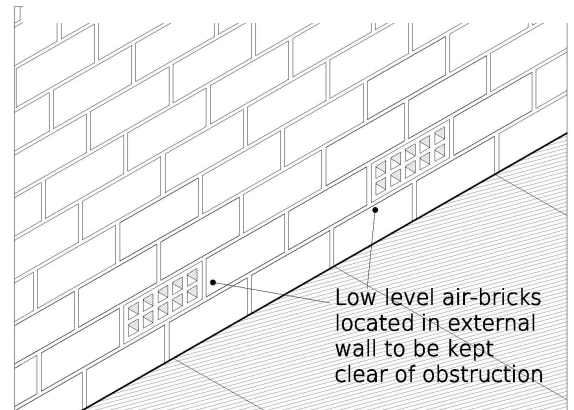
Edinburgh

EH2 3NH

Tel: 0131 226 3155

www.energyflo.co.uk

For illustrative purposes only



External Wall; Air Brick vents at low level