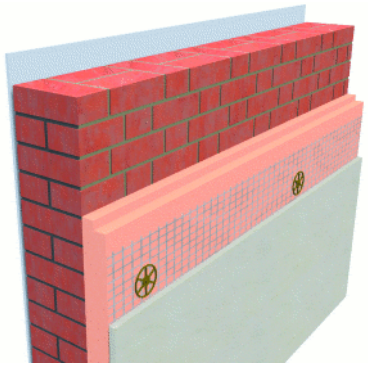
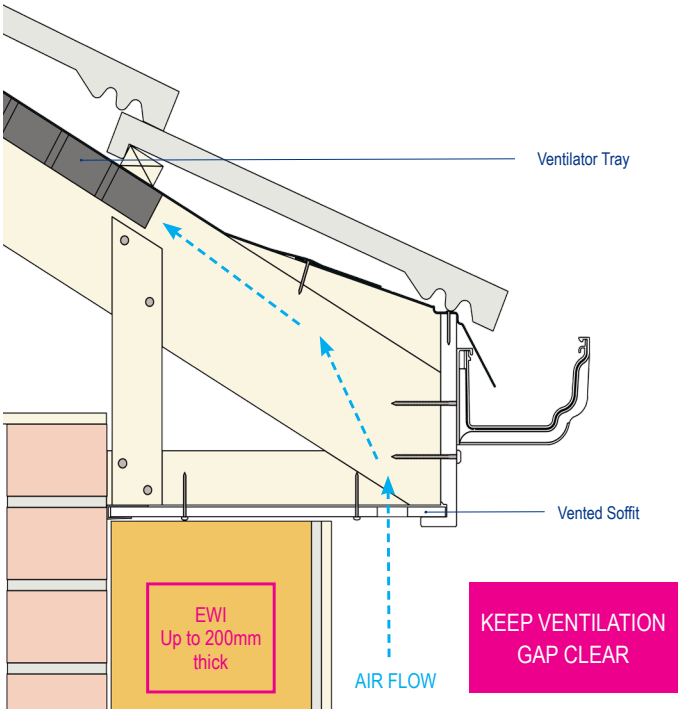
Green Deal Energy Efficiency & Celuform Roofline Products



Loft insulation and external Wall Insulation (EWI) have become popular energy efficiency and conservation measures offered to the public under the Green Deal.
Celuform has issued specific guidance / advice in relation to our products when installing these highly effective systems.
Attention must be given to the possible side effects of restricting ventilation into and through the roof void.

Vented soffit & External Wall Insulation



Adequate ventilation is required by the Building Regulations in order to avoid the build up of condensation on vulnerable timber roofing elements in a typical cold roof situation that may then be attacked by rot.

External Wall Insulation (EWI)

External wall insulation can vary in thickness up to 200mm. Where roof void ventilation is provided through the soffit, care must be taken to ensure the EWI board does NOT cover the ventilation slots.
Generally, the most popular vented soffit sizes are less than 300mm wide. Therefore, a 200mm deep EWI board has the potential to interfere with the ventilation slots in the soffit. Where this is the case, Celuform recommends the installation of over fascia ventilation to maintain the air flow.

Loft insulation

Where loft insulation is installed at the eaves the installer must ensure the gap between the ceiling boards and the roof felt is not filled or blocked. Celuform recommends the installation of a roll out eaves ventilation tray to sit between the rafters. This will ensure a continuous flow of air into and out of the roof void is maintained.

UNIOFV Over Fascia Ventilator & Ventilation Tray

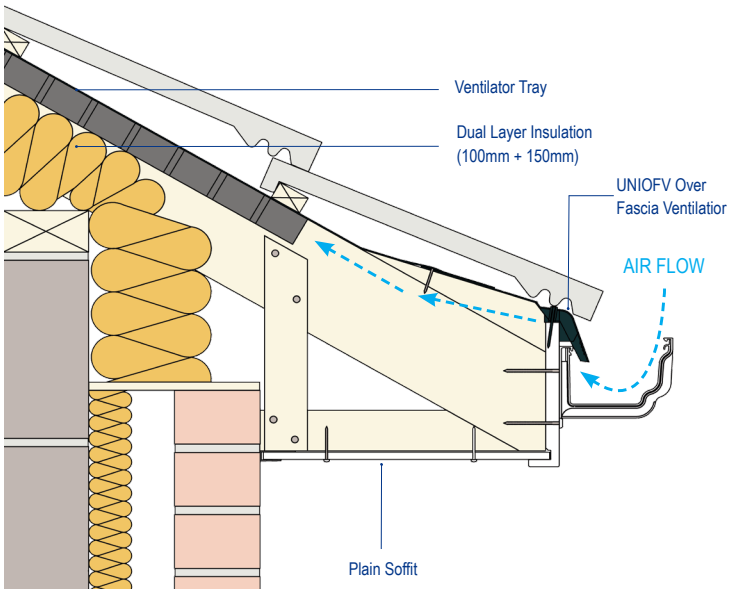


Fig A.
Build up of condensation in the roof space due to the ventialtion path being blocked

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