

| Ref | Terms                               | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| CN4 | Requirements for historic buildings | <p>The majority of historic buildings are constructed of porous materials that both absorb moisture and allow it to escape. Ventilation stops this moisture building up in any one place and causing damage and problems with condensation and mould. However, historic buildings typically have high levels of air infiltration leading to discomfort and heat loss. Historic buildings also typically require a higher level of infiltration to remove structural moisture in the absence of impermeable damp proofing. The refurbishment should be designed to meet the requirements of Building Regulations Part F section 3.11–3.16 and reference is made to the guidance provided in:</p> <ul style="list-style-type: none"> <li>– The guide to building services in historic buildings, CIBSE, 2002</li> <li>– BS 7913: Guide to the principles of conservation in historic buildings</li> <li>– Building Regulations and Historic Buildings, English Heritage 2004</li> <li>– Guide for Practitioners, conversion of traditional Buildings, application of the Scottish Building standards, Historic Scotland, 2007</li> </ul> <p>One credit is awarded:</p> <p>Where an assessment is carried out to establish the current levels of air tightness and structural moisture prior to the specification of fabric measures and heating systems. The assessment should establish the appropriate level of ventilation for the building, based upon:</p> <ul style="list-style-type: none"> <li>– The minimum ventilation requirement to meet that set out in Building Regulations Approved Document Part F</li> <li>– Ventilation rates in all habitable and inhabitable spaces are sufficient to allow structural moisture to be dealt with effectively. This may be required by Building Regulations Approved Document Part F where the structure or fixtures needs higher levels of ventilation in order to deal with moisture levels</li> </ul> <p>Two credits are awarded where:</p> <p>The first credit is achieved and where the following testing was also carried out in order to develop the ventilation and air tightness strategy for the building:</p> <ul style="list-style-type: none"> <li>– Pressure testing was carried out before and after refurbishment in accordance with the appropriate standard</li> <li>– Temperature and humidity is monitored before and after refurbishment</li> </ul> |