Partial fill insulation to be secured firmly against the inner leaf of the cavity wall. If using partial fill insulation, tuck compressible insulation down into the head of the cavity. Ensure that the full depth of insulation between and over joists abuts the eaves insulation. Ensure gap between the wallplate and the proprietary eaves ventilator is completely filled with insulation having a minimum R-value of 3.36 m²K/W. Roof build-up: To Structural Engineers, Specifications. Insulation depth varies, U values to be achieved as per Appendix D of TGD part L in order for Psi value to be valid.

When using a Truss Roof, the Truss should be designed to have a bearing point on each leaf of the external cavity wall, to structural Engineer and roof designer's details. Partial fill Cavity Wall: U-values vary, see Appendix D of TGD part L 2011. Roadstone Thermal Liteblock: 440 x 215 x 100 Roadstone Standard Blocks. When used in conjunction with Truss roofs, the Truss design shall be checked by a Structural Engineer to ensure that the Truss design is suitable for the proposed loading.

Ensure continuity of insulation throughout junctions, consistent with the full depth of insulation between and over joists. Ensure ventilation to roof space is maintained, as required by current building regulations for ventilated attic spaces.

*Note: The 0.21 U Value Range model surpasses the default Psi value and therefore a default y-value of 0.08 can be assumed using this option without a y-value calculation, provided all other details in the building comply with the published ACDs / Roadstone details.

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