Cavity Wall U-Values vary, see appendix D of TGD part L 2011.

All Blocks (Including Thermal Liteblocks) to be minimum 7.5N in accordance with section 1.1.3.5 TGD Part A 2012

Ensure wall insulation is installed at least 225mm below top of floor insulation

Floor U Value varies, must be within Ranges set out in Table D1 of Appendix D of TGD part L 2011 for Psi values to be applicable.

Floor insulation to tightly abut blockwork wall

Install perimeter insulation with min. R value of 2.27m²K/W or greater (example 50mm of PIR λ 0.022 = R2.27)

Use Roadstone Thermal Liteblock configuration A or B as advised by Y-Value calculation and Roadstone Technical Support

OPTIONS A and B

OPTION A

Option A and B in the 0.15 and 0.21 W/m²K U Value ranges surpass default Psi values and therefore a default y-value of 0.08 can be assumed using these options without a y-value calculation, provided all other details in the building comply with the published ACDs / Roadstone details.

Note: Alternative Configuration Depending on Y Value Requirements

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