Continue cavity wall insulation to top of parapet

300mm min. between top of insulation upstand and bottom of horizontal roof insulation

Partial fill insulation to be secured firmly against the inner leaf of the cavity wall

Roadstone Thermal Liteblock at upstand level down to ceiling level

Wall build-up: Varies, to wall achieve U-values within 0.21 or 0.15 Ranges (refer to Appendix D of TGD part L)

Roof buildup: Varies, to achieve roof U-values within 0.21 or 0.15 Ranges (refer to Appendix D of TGD part L)

300 x 440 x 215 x 100 Roadstone Standard Blocks

440 x 215 x 100 Roadstone Thermal Liteblock

Roadstone Custom Ψ Values

As modelled by NSAI registered Thermal Modellers:

All options pass RSI assessment

All options pass thermal bridging assessment

As modelled by NSAI registered Thermal Modellers

0.128

0.152

0.21

0.15

U Value

Roadstone TLB Ψ (Ψ) Value

Part L

Note: In the 0.21 U Value Range the model surpasses the default Ψ value and therefore a Ψ-value of 0.08 can be assumed without the need for a RSI calculation. Provided all other details in the building comply with the published ACDs and/or Roadstone modelled details.

Ensure roof insulation tightly abuts inner face of parapet wall

Insulation upstand having a minimum R-value of 1.10 m²K/W (in heat flow direction perpendicular to wall surface)

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