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

Roadstone Thermal Liteblock

Proprietary closer, thermal resistance through closer of not less than 4.29 m²K/W.

**Partial Fill Cavity Wall**

U-values vary, see appendix D of TGD part L 2011.

DPC

440 x 215 x 100 Roadstone Standard Blocks

440 x 215 x 100 Roadstone Thermal Liteblock

Pre-stressed Concrete Lintel to engineer’s specification.

**Roadstone Custom Psi values**

\[
\Psi = 0.004
\]

As modelled by NSAI registered thermal modellers:

Passes R3.1 assessment, no surface condensation predicted.

**Note:**

The 0.21 U Value range model surpasses the default model and therefore a 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 and/or Roadstone modelled details.

Ensure all gaps around and between lintels are tightly packed with insulation.

There is no advantage of using Thermal Lite Blocks when the wall is in the 0.15 W/m²K U Value range.

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