Annex E of SR 21 Material

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

DPM / Radon Barrier

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.

DPM / Radon Barrier

Cavity Wall U-Values vary, see Appendix D of TGD Part L 2011.

DPC

DPM / Radon Barrier

Roadstone Custom Psi values

<table>
<thead>
<tr>
<th>U Value Range (W/m²K)</th>
<th>Part L (Ψ)</th>
<th>Roadstone TLB Psi (Ψ) Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.21</td>
<td>NONE</td>
<td>0.053</td>
</tr>
</tbody>
</table>

as modelled by NSAI registered Thermal Modellers:

Andrew Dunne
Evolution Innovation Ltd.
Registration Number IAB/TP/07
NSAI Approved Thermal Modeller

Diarmuid Hynes
Evolution Innovation Ltd.
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NSAI Approved Thermal Modeller

This detail passes fRsi assessment, no surface condensation predicted

GL

U Value

Range

(W/m²K)

Floor insulation to tightly abut blockwork wall

Install perimeter insulation with min. R value of 2.5m²k/W or greater (example 50mm of PIR 0.02 = R 2.5 m²k/W)

X and Y are to Engineer's Specification

215

X

Y

140

FFL

440 x 215 x 100 Roadstone

Standard Blocks

440 x 215 x 100 Roadstone

Thermal Liteblock

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