Annex E of SR 21 Material

Can be single block or two soapbars

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.

See configuration options A and B below, depending on Y value requirements.

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

Floor insulation to tightly abut blockwork wall

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

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

Floor insulation to tightly abut blockwork wall

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></td>
<td>Option A</td>
<td>Option B</td>
</tr>
<tr>
<td>0.21</td>
<td>0.080</td>
<td>0.036</td>
</tr>
<tr>
<td>0.15</td>
<td>0.042</td>
<td>0.033</td>
</tr>
</tbody>
</table>

Options 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.

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