NOTE: No surface condensation predicted.

All option pass R2 assessment, with NSAI approved R2 approved Thermal

Roadstone Custom Psi values

Part L (Ψ) Value

0.01-0.081 0.15
0.003 0.21

As modelled by NSAI registered Thermal

When applicable, insulate the void under the joist using either:

440 x 215 x 100mm Roadstone Thermal Liteblock

440 x 215 x 215mm Twin-Pot Hollow Block

Hanger, strapping and bracing to structural engineers specification

U Value

Range (W/m²K)

Part L (Ψ) Value

0.101
0.081
-0.001

*Note: Both the 0.21 U Value Range and the 0.15 U Value range models surpass the default Psi values 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.

Inject an approved insulating expanding foam between the insulated dry-lining and the timber floor

Continue wall insulation across floor abutment zone.

Place insulation with a minimum R-value of 4.35 m²K/W against wall, held in place by noggin or battens

Where applicable, ensure insulated dry-lining tightly abuts underside of ceiling.

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DATE: MAY 2019

REVISION: B

SCALE: NTS

TO BE READ IN CONJUNCTION WITH Y-VALUE CALCULATION

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