



Roadstone Custom Psi values

U Value Range (W/m ² K)	Part L (Ψ)	Roadstone TLB Psi (Ψ) Value
0.21	0.021	0.016
0.15	0.021	0.018

As modelled by NSAI registered Thermal Modellers:

 NSAI Agrément	 NSAI Agrément
Andrew Dunne Evolusion Innovation Ltd. Registration Number IAB/TM/07 NSAI Approved Thermal Modeller	Diarmuid Hynes Evolusion Innovation Ltd. Registration Number IAB/TM/04 NSAI Approved Thermal Modeller

All options pass fRsi assessment, no surface condensation predicted

***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.

- 440 x 215 x 100 Roadstone Thermal Liteblock
- Twin-Pot Hollow Block 440 x 215 x 215mm

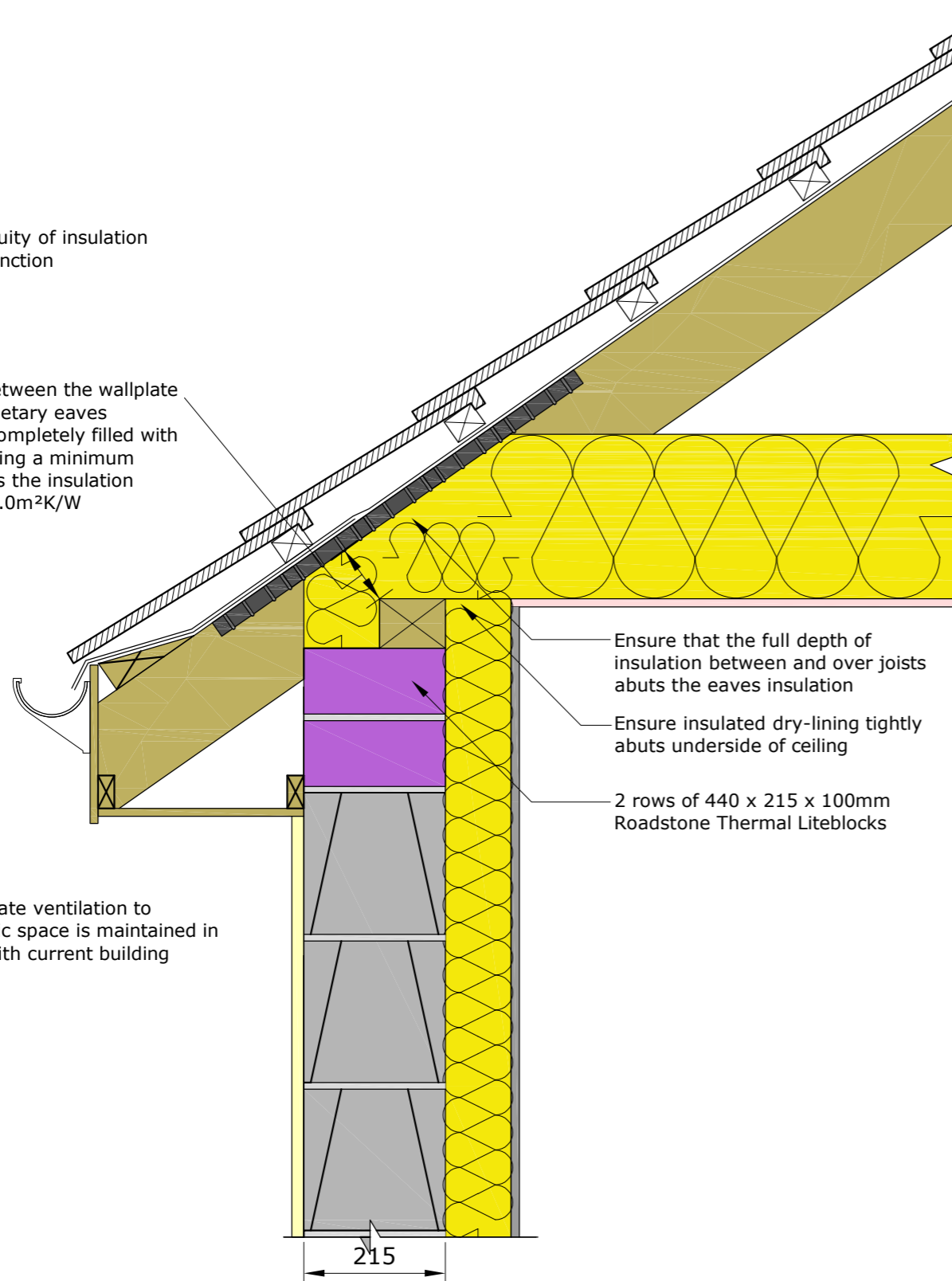
Roof to be to Structural Engineers Specification

Insulation Depth Varies to Achieve desired U value. See Appendix E of TGD Part L 2011 for applicable U Values.

Ensure continuity of insulation throughout junction

Ensure gap between the wallplate and the proprietary eaves ventilator is completely filled with insulation having a minimum R-value across the insulation thickness of 3.0m²K/W

Ensure adequate ventilation to ventilated attic space is maintained in accordance with current building regulations



The diagrams, drawings and details included in this brochure are for indicative purposes only. They do not constitute nor should they be relied upon as giving/providing any design detail. They focus on the issues of thermal performance only. Insulation thicknesses of the main building elements have not been provided, as these are dependent on the thermal properties of the materials chosen, as well as on the desired U value. These diagrams, drawings and details illustrate good practice for the design and construction of interfaces solely in connection with thermal performance. The product should be used with due regard to all other requirements imposed by the Building Regulations and advices should be sought from a design professional in connection with the use of this product where required.

REVISION: **B**

DWG. NO.: **DETAIL RS 6.08 / 6.09**

DATE: **May 2019**

SCALE: **NTS**

JUNCTION: **TWIN POT BLOCK PITCHED ROOF/ INSULATED AT CEILING**

TO BE READ IN CONJUNCTION WITH Y-VALUE CALCULATION

