





Roof to be to Structural Engineer's Specification

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

Ensure gap between the wallplate and the proprietary eaves ventilator is completely filled with insulation having a minimum R-value across the insulation of 2.65m<sup>2</sup>K/W

Ensure continuity of insulation throughout junction

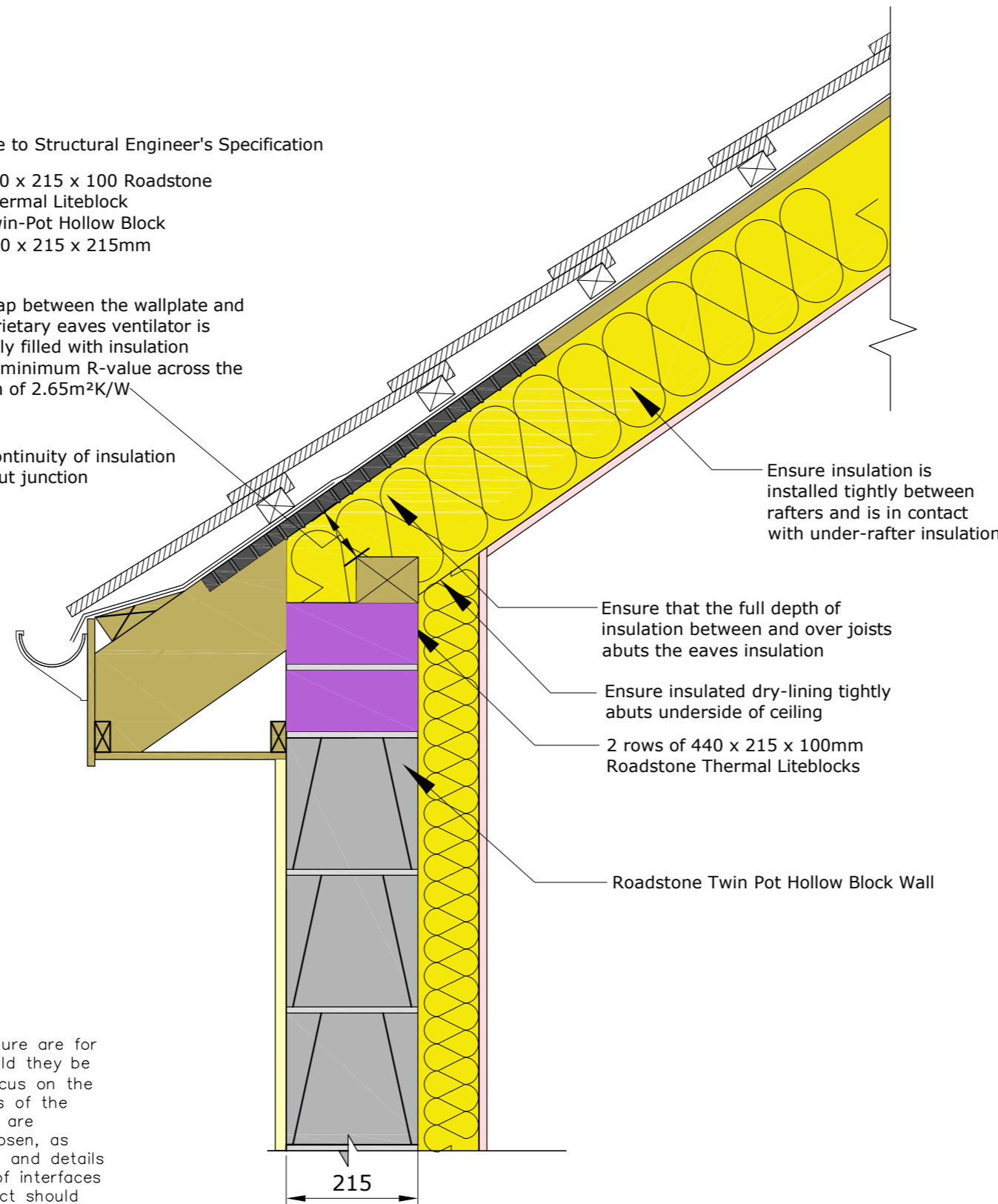
Ensure insulation is installed tightly between rafters and is in contact with under-rafter insulation

Ensure that the full depth of insulation between and over joists abuts the eaves insulation

Ensure insulated dry-lining tightly abuts underside of ceiling

2 rows of 440 x 215 x 100mm Roadstone Thermal Liteblocks

Roadstone Twin Pot Hollow Block Wall



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.

### Roadstone Custom Psi values

U Value Range (W/m <sup>2</sup> K)	Part L (Ψ)	Roadstone TLB Psi (Ψ) Value
0.21	0.003	0.002

As modelled by NSAI registered Thermal Modellers:

 <b>NSAI</b> Agrément	 <b>NSAI</b> 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:

0.21 U Value Range: The model surpasses the default Psi value 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.

REVISION: **B**

DWG. NO.: **DETAIL RS 6.11**

DATE: **May 2019**

SCALE: **NTS**

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

TO BE READ IN CONJUNCTION WITH Y-VALUE CALCULATION

