

440 x 215 x 100 Roadstone Standard Blocks

440 x 215 x 100 Roadstone Thermal Liteblock

Continue cavity wall insulation to top of gable

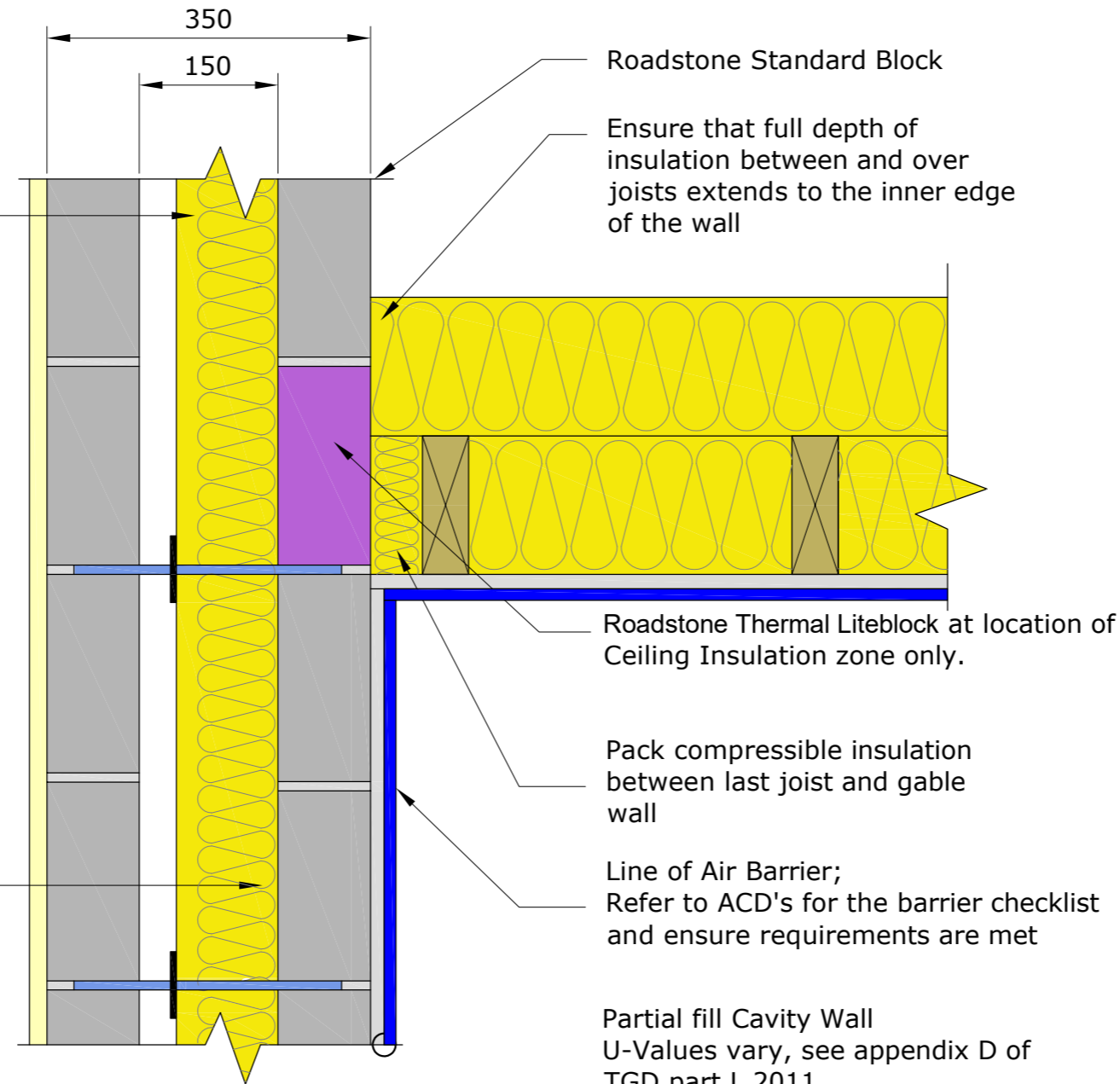
OR

270mm above bottom of ceiling tie and insert cavity tray

Roof buildup:

Varies, to achieve U values within the wall 0.18 or 0.15 Range (refer to Appendix D of TGD part L 2011)

Partial fill insulation to be secured firmly against the innerleaf of the cavity wall



Roadstone Custom Psi values

U Value Range (W/m ² K)	Part L (Ψ)	Roadstone TLB Psi (Ψ) Value
0.18	0.272	0.122
0.15	0.152	0.122

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	Robert Kelly Evolusion Innovation Ltd Registration Number IAB/TM/24 NSAI Approved Thermal Modeller

All options pass fRsi assessment, no surface condensation predicted

*Note:

Both the 0.18 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.

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: D

DWG. NO.: **DETAIL RS 1.15**

DATE: **APRIL 2020**

SCALE: **NTS**

JUNCTION: **PARTIAL FILL GABLE CAVITY WALL/ VENTILATED ROOF - INSULATED AT ATTIC FLOOR LEVEL**

TO BE READ IN CONJUNCTION WITH Y-VALUE CALCULATION