



Continue cavity wall insulation to top of parapet

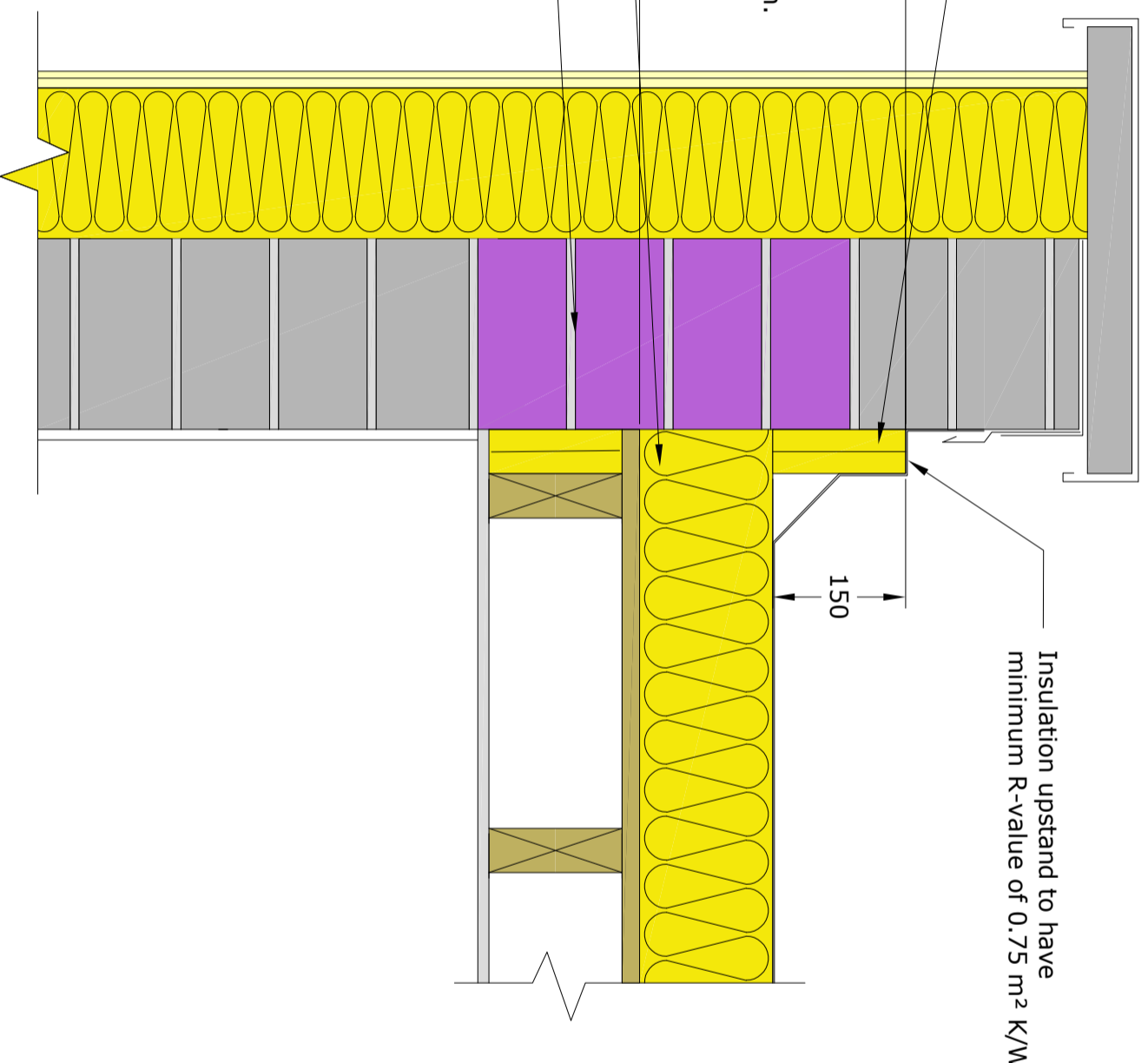
Insulation upstand having a minimum R-value of 1.10 m²K/W (in heat flow direction perpendicular to wall surface) around parapet

300mm min. between top of insulation upstand and bottom of horizontal roof insulation

Ensure roof insulation tightly abuts inner face of parapet wall

Roadstone Thermal Liteblock at upstand level down to ceiling level

-  440 x 215 x 100 Roadstone Standard Blocks
-  440 x 215 x 100 Roadstone Thermal Liteblock



Insulation upstand to have minimum R-value of 0.75 m² K/W

Roadstone Custom Psi values		
U Value Range (W/m ² K)	Part L (ψ)	Roadstone TLB Psi (ψ) Value
0.21	0.349	0.207
0.15	0.327	0.201

As modelled by NSAI registered Thermal Modellers:

 NSAI Agreement	 NSAI Agreement
Andrew Dunne Evulsion Innovation Ltd. Registration Number IAB/TM/07 NSAI Approved Thermal Modeller	Diarmuid Hynes Evulsion 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.

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 2.14**

DATE: **MAY 2019**

SCALE: **NTS**

JUNCTION: **215mm SOLID MASONRY WALL/ EXTERNAL INSULATION PARAPET**

TO BE READ IN CONJUNCTION WITH Y-VALUE CALCULATION