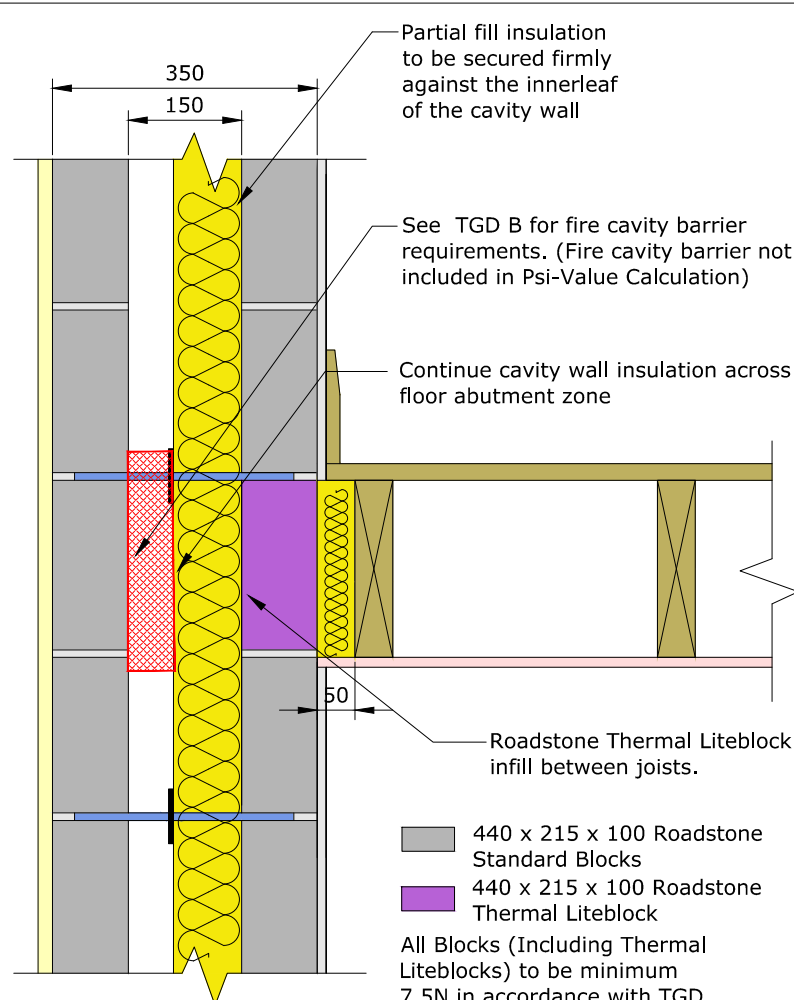


DETAIL RS1.05
JOISTS PERPENDICULAR



DETAIL RS1.05a
JOISTS PARALLEL

Partial fill Cavity Wall
U-Values vary, see appendix D of
TGD part L 2011.

All Blocks (Including Thermal
Liteblocks) to be minimum
7.5N in accordance with TGD
Part A 2012)

Roadstone Custom Psi values

U Value Range (W/m ² K)	Part L (Ψ)	Roadstone TLB Psi (Ψ) Value
0.15	0.020	-0.001

As modelled by NSAI registered Thermal Modellers:

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

All options pass fRsi assessment,
no surface condensation predicted

*Note:

The 0.15 U Value range 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.

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: A

DWG. NO.: **DETAIL RS 1.05 & RS1.05a**

DATE: **JANUARY 2017**

SCALE: **NTS**

JUNCTION: **PARTIAL FILL CAVITY WALL/ TIMBER INTERMEDIATE FLOOR**

TO BE READ IN CONJUNCTION
WITH Y-VALUE CALCULATION

