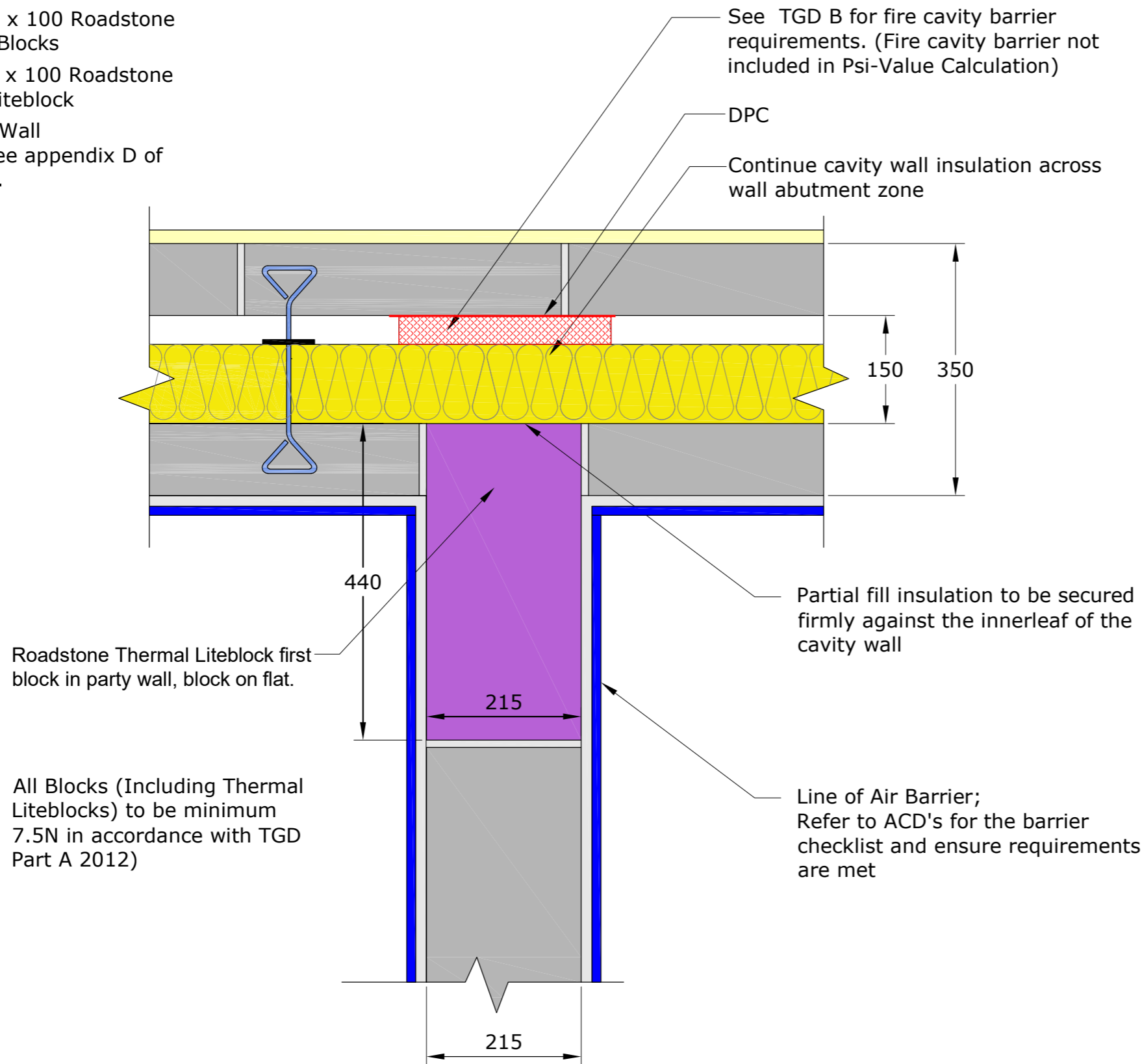


- 440 x 215 x 100 Roadstone Standard Blocks
- 440 x 215 x 100 Roadstone Thermal Liteblock

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



Roadstone Custom Psi values

U Value Range (W/m ² K)	Part L (Ψ)	Roadstone TLB Psi (Ψ) Value
0.18	0.045	0.04
0.15	0.066	0.037

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:

In the 0.18 U_{wall} 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.

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 1.06.1**

DATE: **APRIL 2020**

SCALE: NTS

JUNCTION: **PARTIAL FILL CAVITY WALL/ PARTY WALL PLAN DETAIL**

TO BE READ IN CONJUNCTION WITH Y-VALUE CALCULATION

