





## Roadstone Custom Psi values

U Value Range (W/m <sup>2</sup> K)	Part L (Ψ)	Roadstone TLB Psi (Ψ) Value
0.21	NONE	0.056

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

This detail passes *f*Rsi assessment, no surface condensation predicted

-  440 x 215 x 100 Roadstone Standard Blocks
-  440 x 215 x 100 Roadstone Thermal Liteblock
-  DPC
-  DPM / Radon Barrier

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

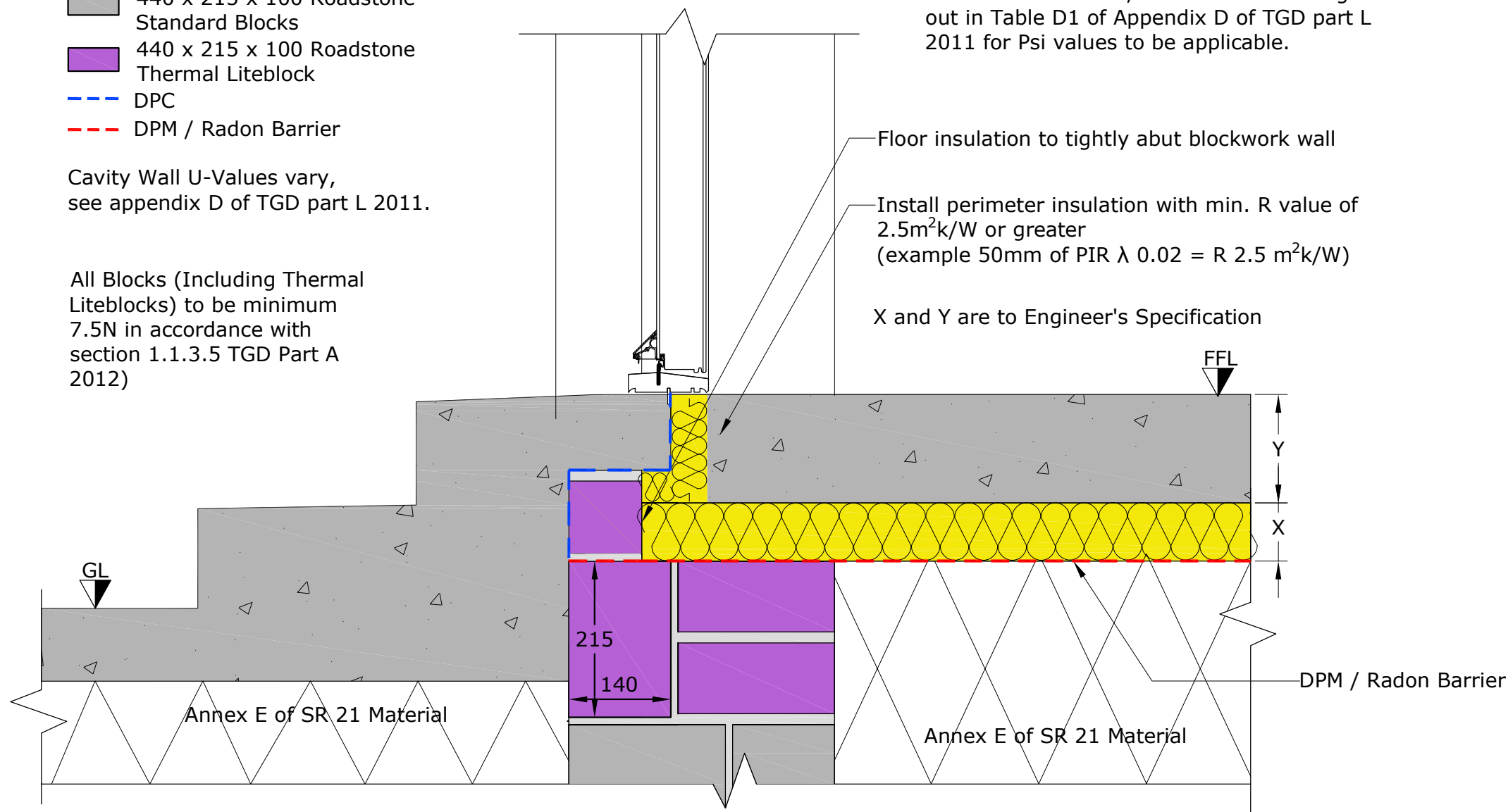
All Blocks (Including Thermal Liteblocks) to be minimum 7.5N in accordance with section 1.1.3.5 TGD Part A 2012)

Floor U Value varies, must be within Ranges set out in Table D1 of Appendix D of TGD part L 2011 for Psi values to be applicable.

Floor insulation to tightly abut blockwork wall

Install perimeter insulation with min. R value of 2.5m<sup>2</sup>k/W or greater (example 50mm of PIR λ 0.02 = R 2.5 m<sup>2</sup>k/W)

X and Y are to Engineer's Specification



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 TH 001**

DATE: **May 2019**

SCALE: **NTS**

JUNCTION: **STEPPED THRESHOLD DETAIL**

TO BE READ IN CONJUNCTION WITH Y-VALUE CALCULATION