Data Sheet

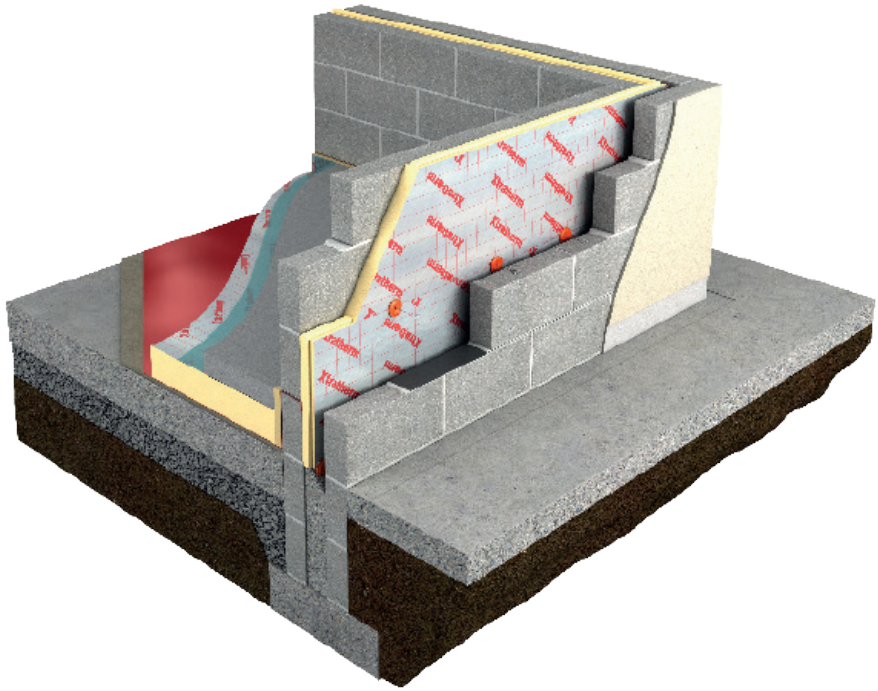
Thin-R PIR Insulation

XT/CW (T&G)

Insulation for Partial Fill Cavity Walls

Thin-R Partial Fill Cavity Wall XT/CW (T&G) **builds to a system thanks to its engineered tongue and grooved joints and pre-formed corners, ensuring insulation continuity and minimisation of thermal bridging.**

XT/CW (T&G) **for use in traditional masonry walls, builds to the highest thermal standards whilst maintaining a residual cavity, offering protection from wind driven rain.**



Specification Clause

The partial fill cavity wall insulation shall be Xtratherm Thin-R XT/CW (T&G) manufactured to EN 13165 by Xtratherm, comprising a rigid Polyisocyanurate (PIR) core between low emissivity foil facings. The XT/CW (T&G)_ _ _mm with Agrément certified Lambda value of 0.022 W/mK to achieve a U-Value of _ _ _W/m²K for the wall element. To be installed in accordance with instructions issued by Xtratherm.

Xtratherm PIR achieves an A+ rating under the BRE Green Guide.

Refer to NBS clause F30 155, F30 12

Thermal Resistances

Thickness (mm)	R-Value (m²K/W)
40	1.80
50	2.25
60	2.70
70	3.15
80	3.60
100	4.50

Resistance 'R' Values

The resistance value of any thickness of Xtratherm insulation can be ascertained by simply dividing the thickness of the material (in metres) by its agrément declared lambda value, for example: Lambda 0.022 W/mk and thickness 50mm -> 0.050/ 0.022 -> R-Value = 2.25. In accordance with EN 13165, R-values should be rounded down to the nearest 0.05 (m²K/W).