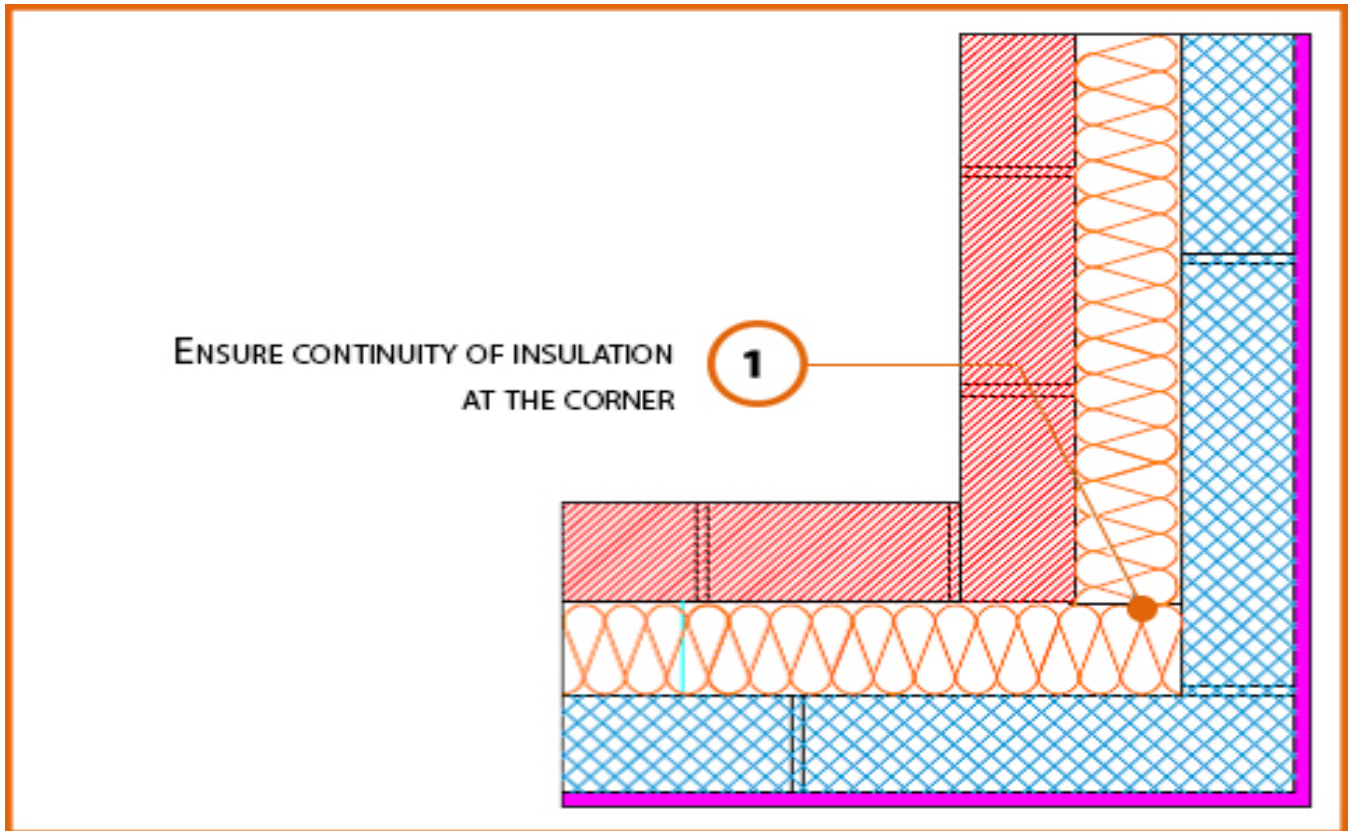


# LABC Registered Construction Details Masonry



Registration Number: E17MCFF3



## Build Up

External Masonry Cavity Wall

Masonry Outer Leaf ( $\lambda = 0.77$ )

Dense Concrete Block  $\lambda \leq 1.33$  W/mK

Full Fill Insulation

Inverted Corner



## Calculated $\psi$ -values

Cavity Insulation	Inner leaf blockwork
	Dense Concrete Block $\lambda \leq 1.33$ W/mK
	$\psi$ -value W/mK
<b>100mm</b> $\lambda=0.037$	<b>-0.122</b>
100mm $\lambda=0.032$	<b>-0.107</b>
<b>150mm</b> $\lambda=0.037$	<b>-0.079</b>
150mm $\lambda=0.032$	<b>-0.070</b>

## Points to Watch

- Ensure cavities are kept clean of mortar snots and other debris during construction.
- Seal all penetrations through air barrier with flexible sealant.