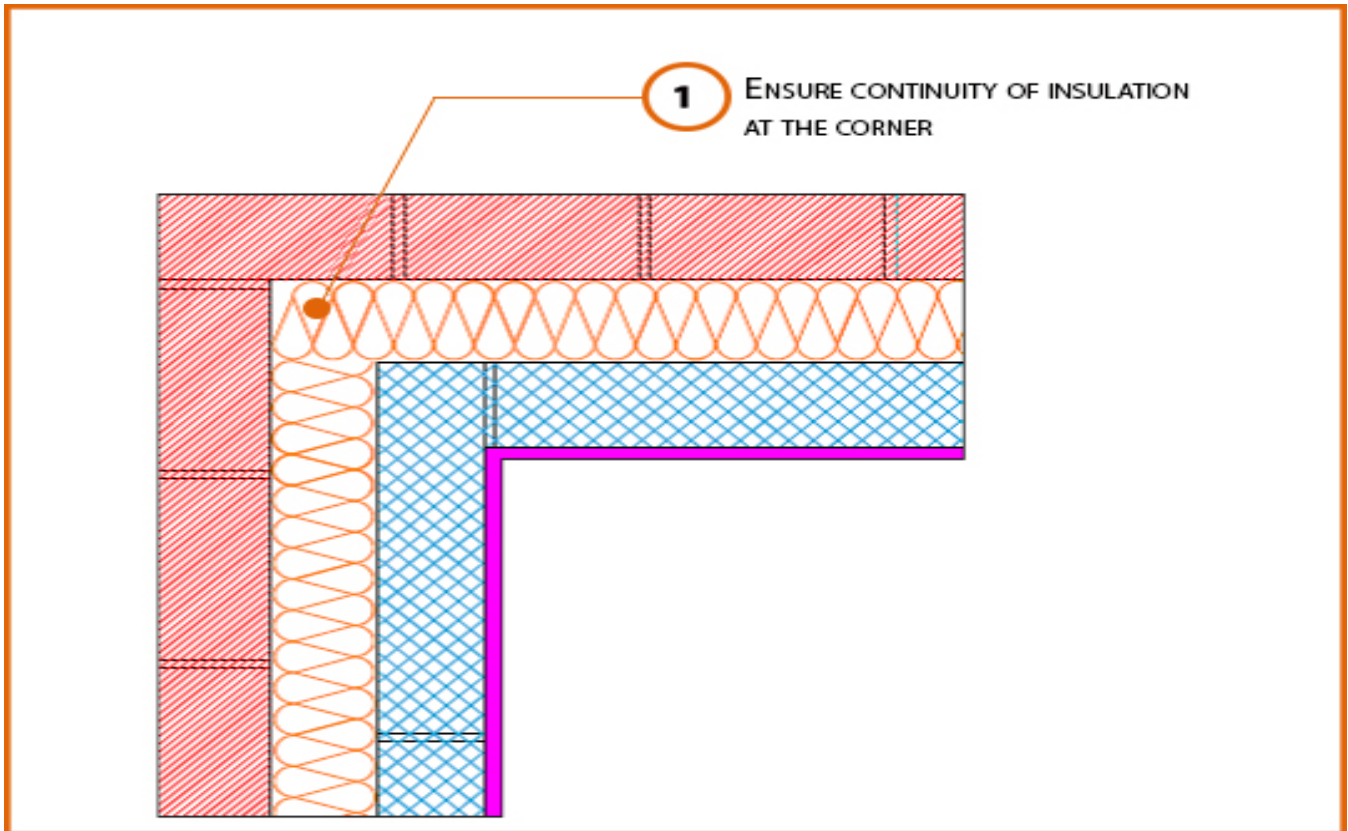


# LABC Registered Construction Details

## Masonry



Registration Number: E16MCFF1



### Build Up

External Masonry Cavity Wall

Masonry Outer Leaf ( $\lambda = 0.77$ )

Ultra Lightweight Concrete Block  $\lambda \leq 0.28$  W/mK

Full Fill Insulation

Normal Corner



## Calculated $\psi$ -values

Cavity Insulation	Inner leaf blockwork
	Ultra Lightweight Concrete Block $\lambda \leq 0.28$ W/mK
	$\psi$ -value W/mK
100mm $\lambda=0.037$	0.059
100mm $\lambda=0.032$	0.054
150mm $\lambda=0.037$	0.051
150mm $\lambda=0.032$	0.046

## 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.