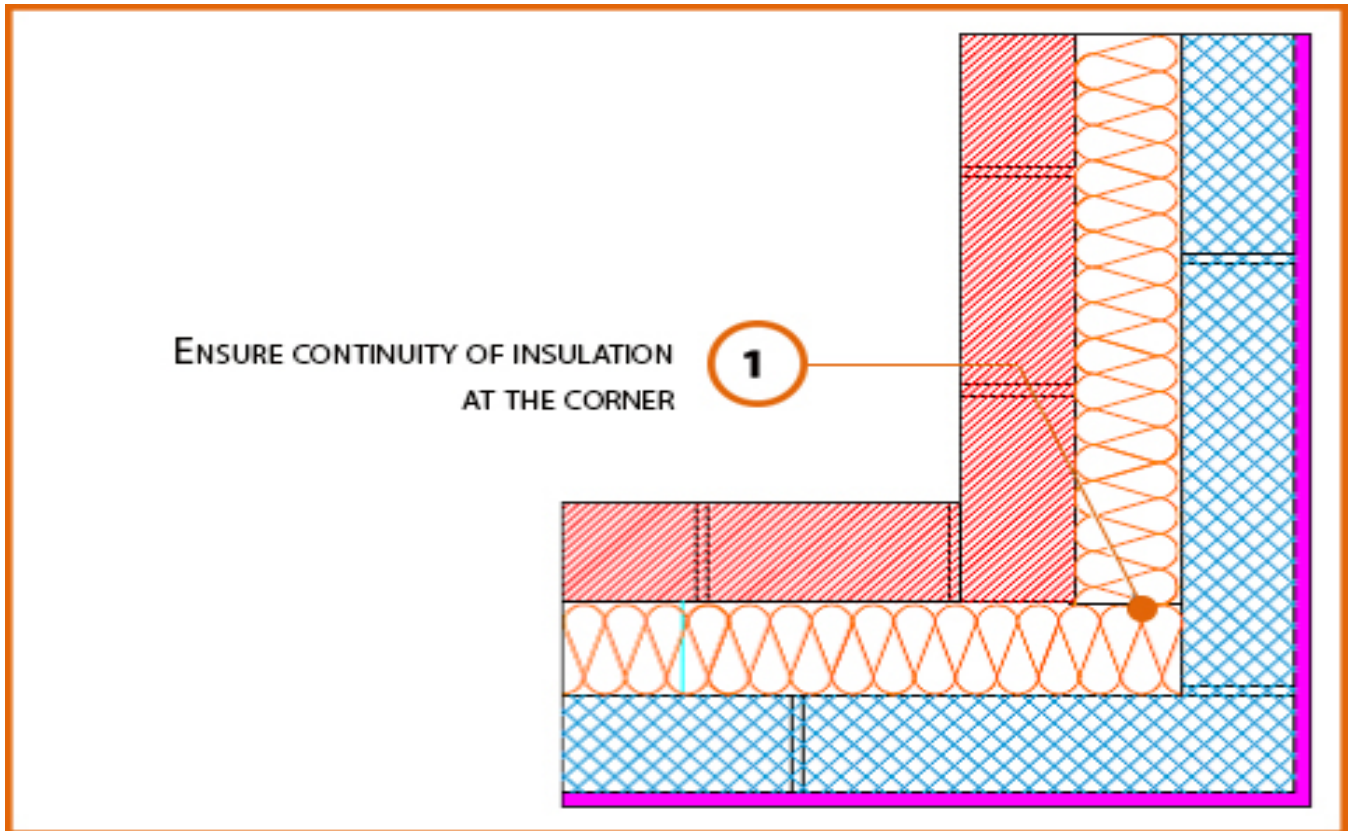


LABC Registered Construction Details Masonry



Registration Number: E17MCFF1



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

Inverted Corner



Calculated ψ -values

Cavity Insulation	Inner leaf blockwork
	Ultra Lightweight Concrete Block $\lambda \leq 0.28$ W/mK
	ψ -value W/mK
100mm $\lambda=0.037$	-0.111
100mm $\lambda=0.032$	-0.100
150mm $\lambda=0.037$	-0.076
150mm $\lambda=0.032$	-0.067

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.