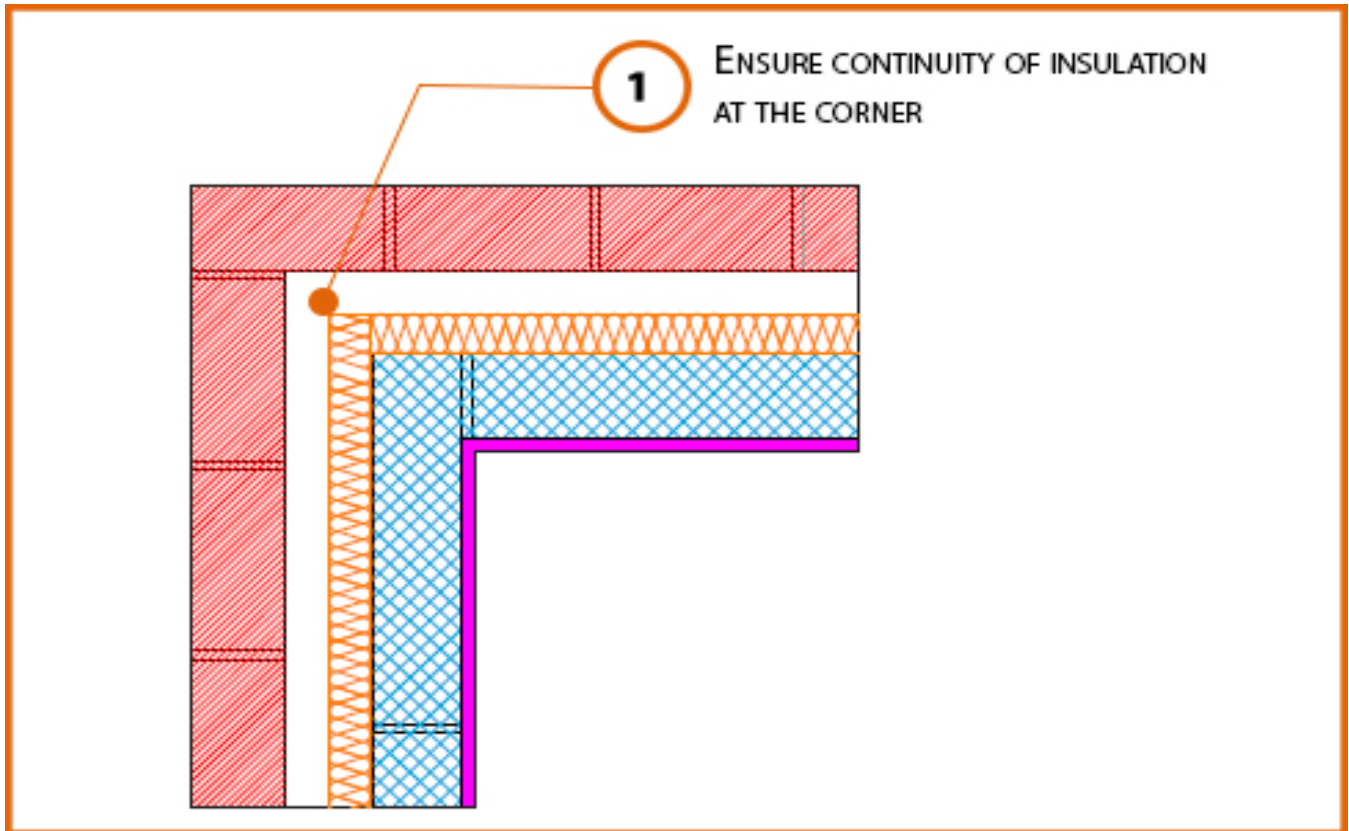


LABC Registered Construction Details Masonry



Registration Number: E16MCPF1



Build Up

External Masonry Cavity Wall

Masonry Outer Leaf ($\lambda = 0.77$)

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

Partial Fill Insulation

Normal Corner



Calculated ψ -values

Cavity Insulation	Inner leaf blockwork
	Ultra Lightweight Concrete Block $\lambda \leq 0.28 \text{ W/mK}$
	ψ -value W/mK
50mm $\lambda=0.022$	0.055
100mm $\lambda=0.022$	0.041

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.