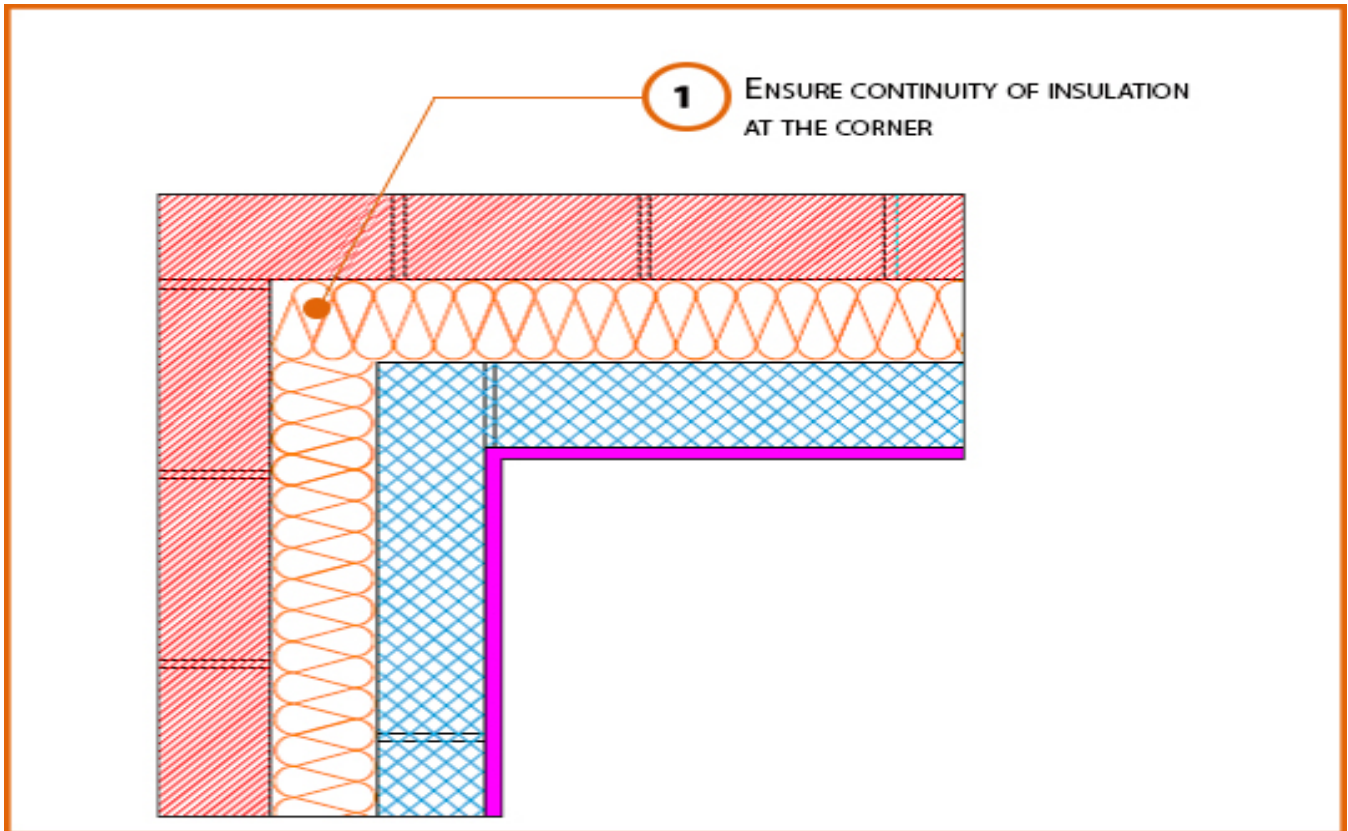


LABC Registered Construction Details

Masonry



Registration Number: E16MCFF2



Build Up

External Masonry Cavity Wall

Masonry Outer Leaf ($\lambda = 0.77$)

Lightweight Concrete Block $\lambda \leq 0.60$ W/mK

Full Fill Insulation

Normal Corner



Calculated ψ -values

Cavity Insulation	Inner leaf blockwork
	Lightweight Concrete Block $\lambda \leq 0.60$ W/mK
	ψ -value W/mK
100mm $\lambda=0.037$	0.068
100mm $\lambda=0.032$	0.062
150mm $\lambda=0.037$	0.057
150mm $\lambda=0.032$	0.051

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.