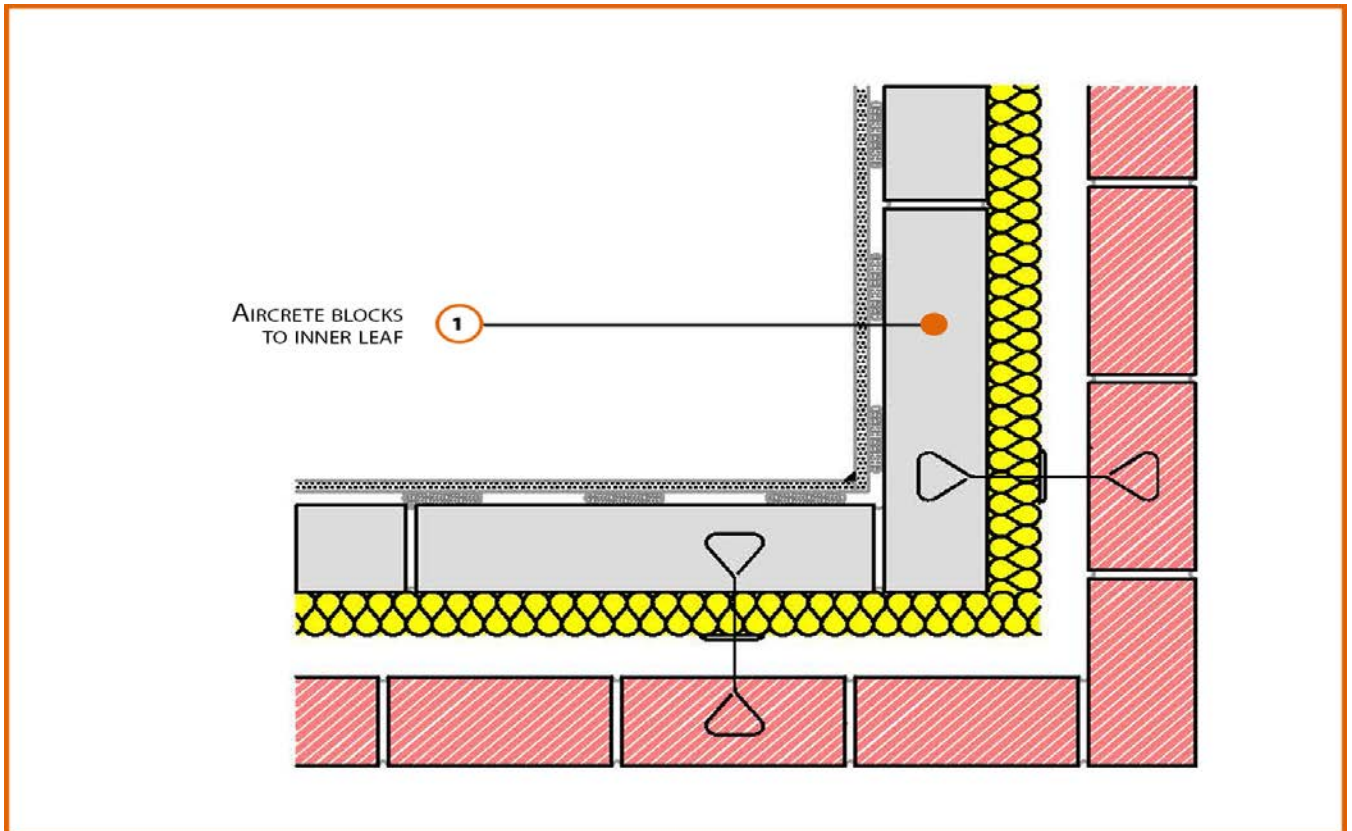


LABC Registered Construction Details

Masonry



Registration Number: E16MCPF5



Build Up

External Masonry Cavity Wall

Masonry Outer Leaf ($\lambda = 0.77$)

100mm Aircrete Block Inner Leaf ($\lambda = 0.15 \text{ W/mK}$)

Partial Fill Insulation

Normal Corner



Calculated ψ -values

	Inner leaf blockwork
	Aircrete Block $\lambda = 0.15$ W/mK
Cavity Insulation	ψ -value W/mK
50mm $\lambda=0.022$	0.052
100mm $\lambda=0.022$	0.040

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.