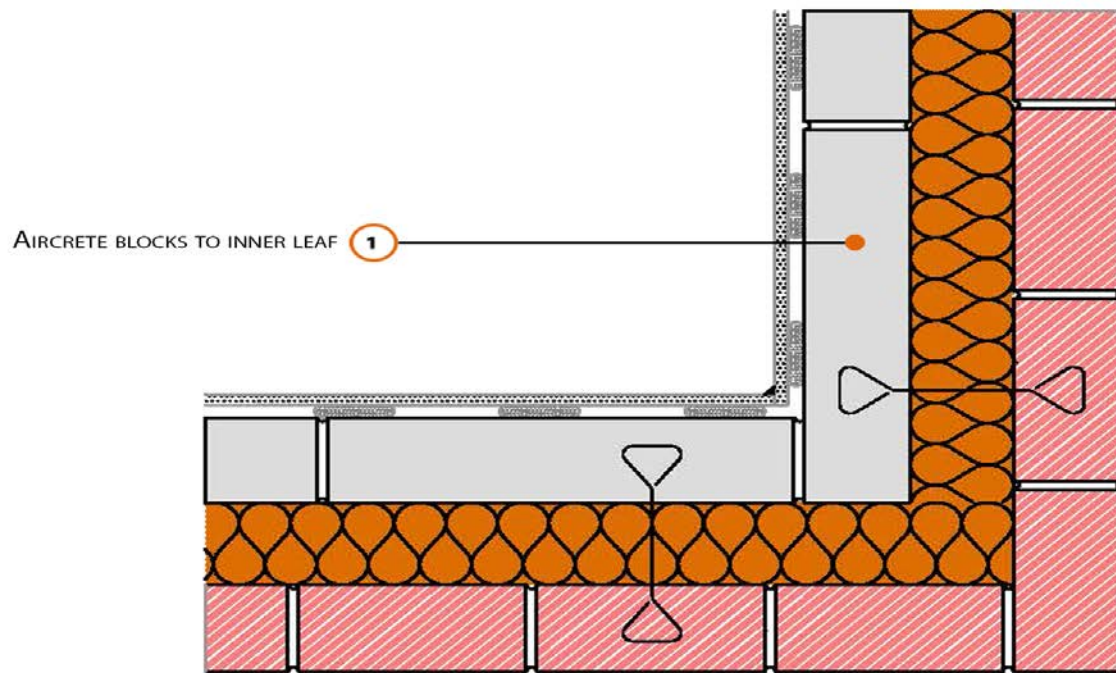


Registration Number: E16MCFF6



Build Up

External Masonry Cavity Wall

Masonry Outer Leaf ($\lambda = 0.77$)

100mm Aircrete Block Inner Leaf ($\lambda = 0.19 \text{ W/mK}$)

Full Fill Insulation

Normal Corner

Calculated ψ -values

	Inner leaf blockwork
	Aircrete Block $\lambda = 0.19 \text{ W/mK}$
Cavity Insulation	ψ -value W/mK
100mm $\lambda=0.037$	0.059
150mm $\lambda=0.037$	0.051
100mm $\lambda=0.032$	0.053
150mm $\lambda=0.032$	0.045

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.