

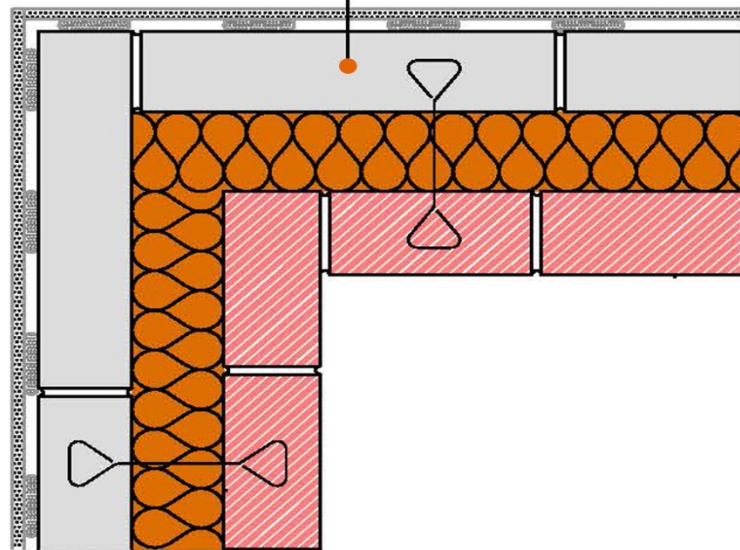
LABC Registered Construction Details Masonry



Registration Number: E17MCFF5

AIRCRETE BLOCKS TO
INNER LEAF

1



Build Up

External Masonry Cavity Wall

Masonry Outer Leaf ($\lambda = 0.77$)

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

Full Fill Insulation

Inverted Corner



Calculated ψ -values

	Inner leaf blockwork
	Aircrete Block $\lambda = 0.15 \text{ W/mK}$
Cavity Insulation	ψ -value W/mK
100mm $\lambda=0.037$	-0.101
150mm $\lambda=0.037$	-0.088
100mm $\lambda=0.032$	-0.091
150mm $\lambda=0.032$	-0.080

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.