

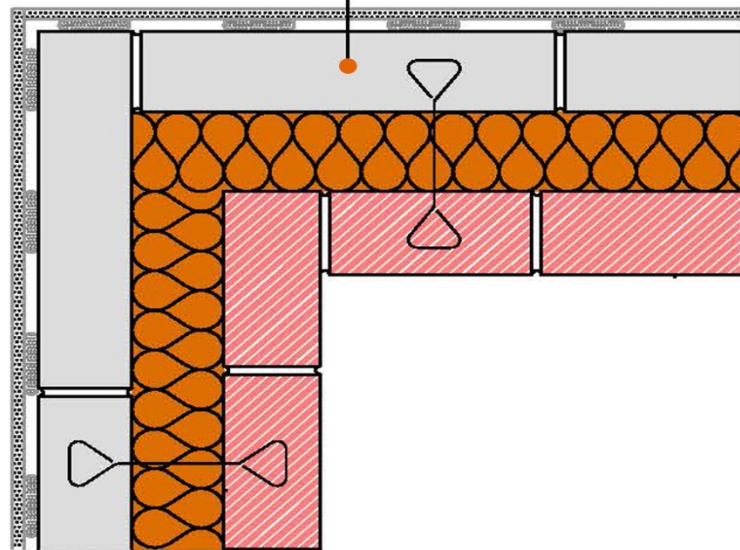
# LABC Registered Construction Details Masonry



Registration Number: E17MCFF4

AIRCRETE BLOCKS TO  
INNER LEAF

1



## Build Up

External Masonry Cavity Wall

Masonry Outer Leaf ( $\lambda = 0.77$ )

100mm Aircrete Block Inner Leaf ( $\lambda = 0.11$  W/mK)

Full Fill Insulation

Inverted Corner



## Calculated $\psi$ -values

	Inner leaf blockwork
	Aircrete Block $\lambda = 0.11 \text{ W/mK}$
Cavity Insulation	$\psi$ -value $\text{W/mK}$
100mm $\lambda=0.037$	-0.094
150mm $\lambda=0.037$	-0.084
100mm $\lambda=0.032$	-0.086
150mm $\lambda=0.032$	-0.075

## 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.