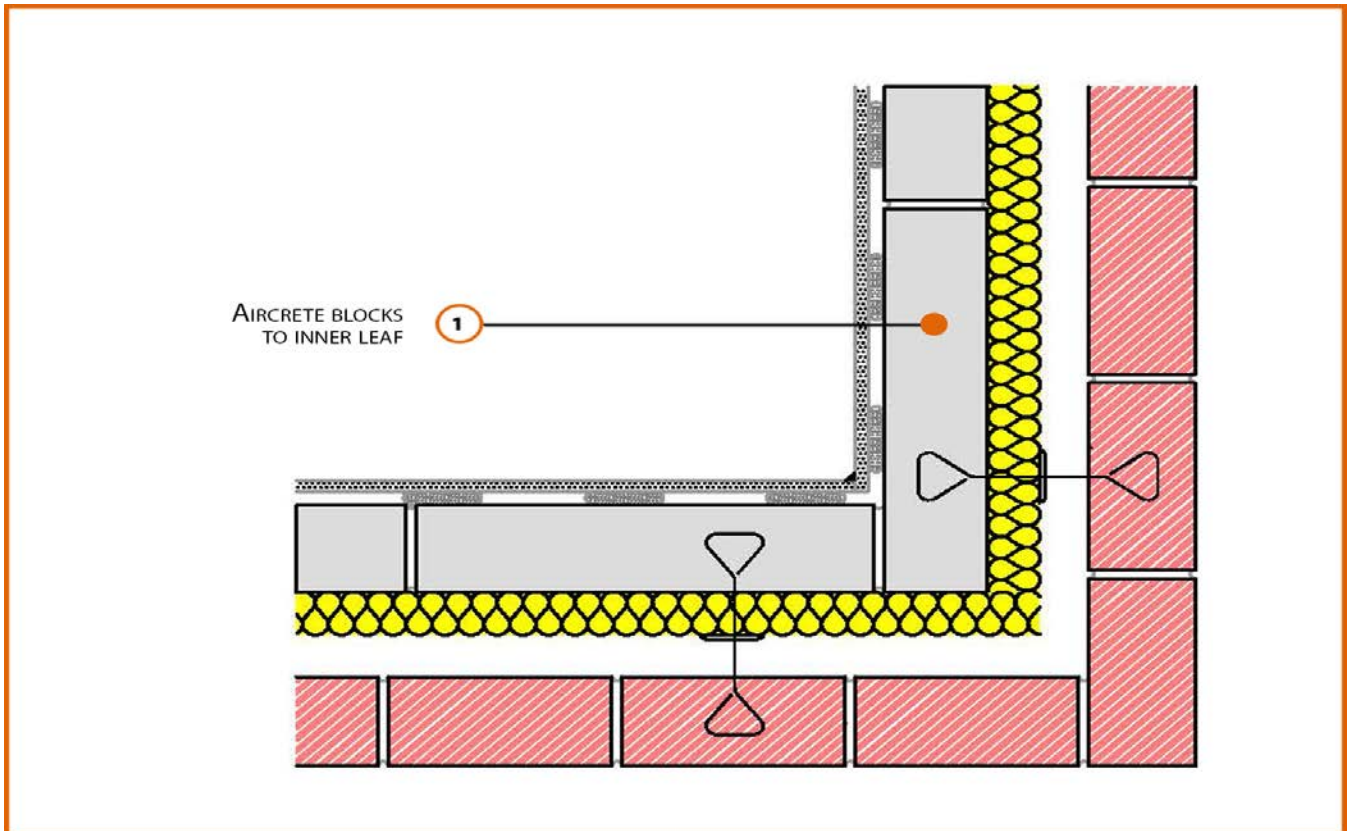


LABC Registered Construction Details

Masonry



Registration Number: E16MCPF6



Build Up

External Masonry Cavity Wall

Masonry Outer Leaf ($\lambda = 0.77$)

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

Partial Fill Insulation

Normal Corner



Calculated ψ -values

| Cavity Insulation | Inner leaf blockwork |
|-----------------------|--|
| | Aircrete Block $\lambda = 0.19 \text{ W/mK}$ |
| | ψ -value W/mK |
| 50mm $\lambda=0.022$ | 0.055 |
| 100mm $\lambda=0.022$ | 0.042 |

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.