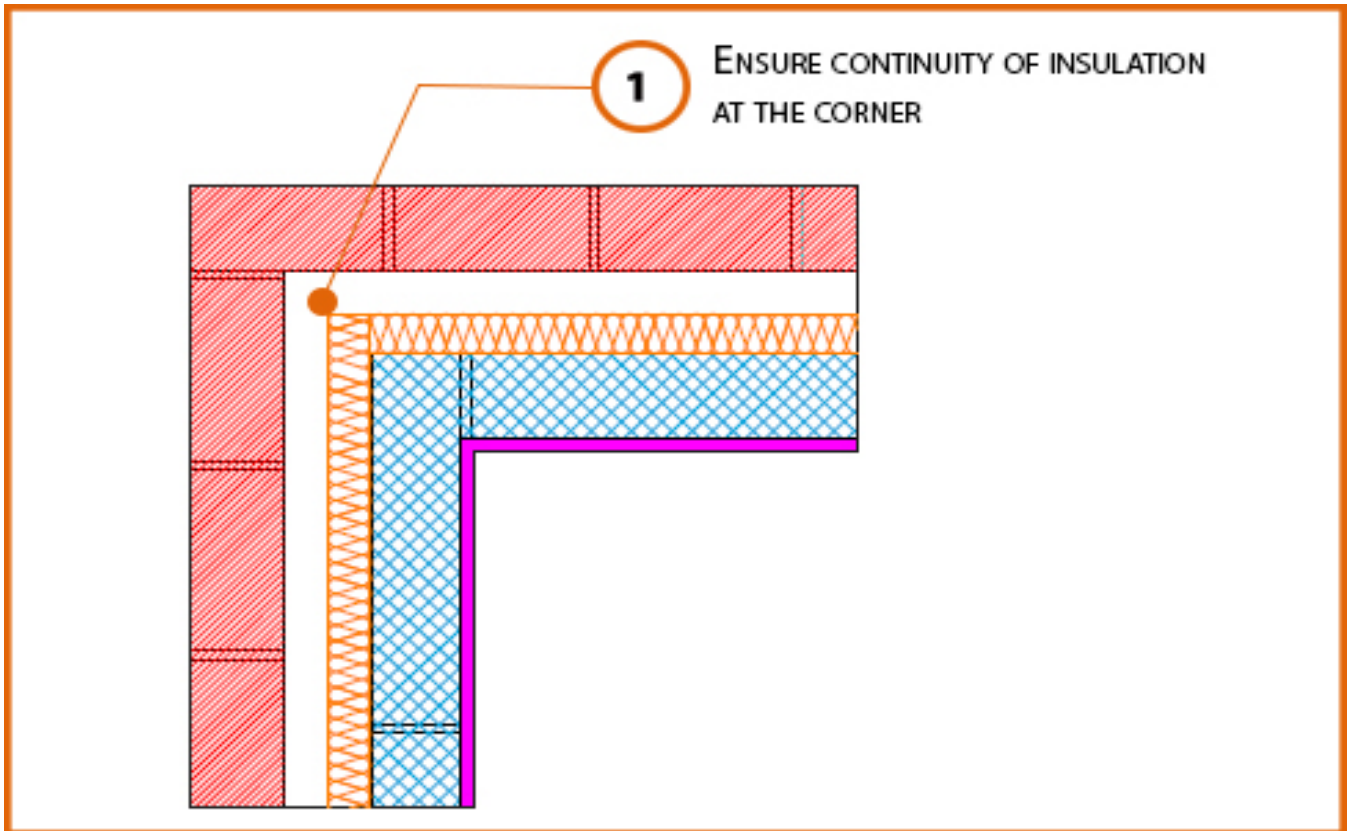


Registration Number: E16MCPF3



Build Up

External Masonry Cavity Wall

Masonry Outer Leaf ($\lambda = 0.77$)

Dense Concrete Block Inner Leaf $\lambda \leq 1.33$ W/mK

Partial Fill Insulation

Normal Corner

Calculated ψ -values

| | Inner leaf blockwork |
|-----------------------|--------------------------------------------------|
| | Dense Concrete Block $\lambda \leq 1.33$ W/mK |
| Cavity Insulation | ψ -value W/mK |
| 50mm $\lambda=0.022$ | 0.069 |
| 100mm $\lambda=0.022$ | 0.048 |

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.