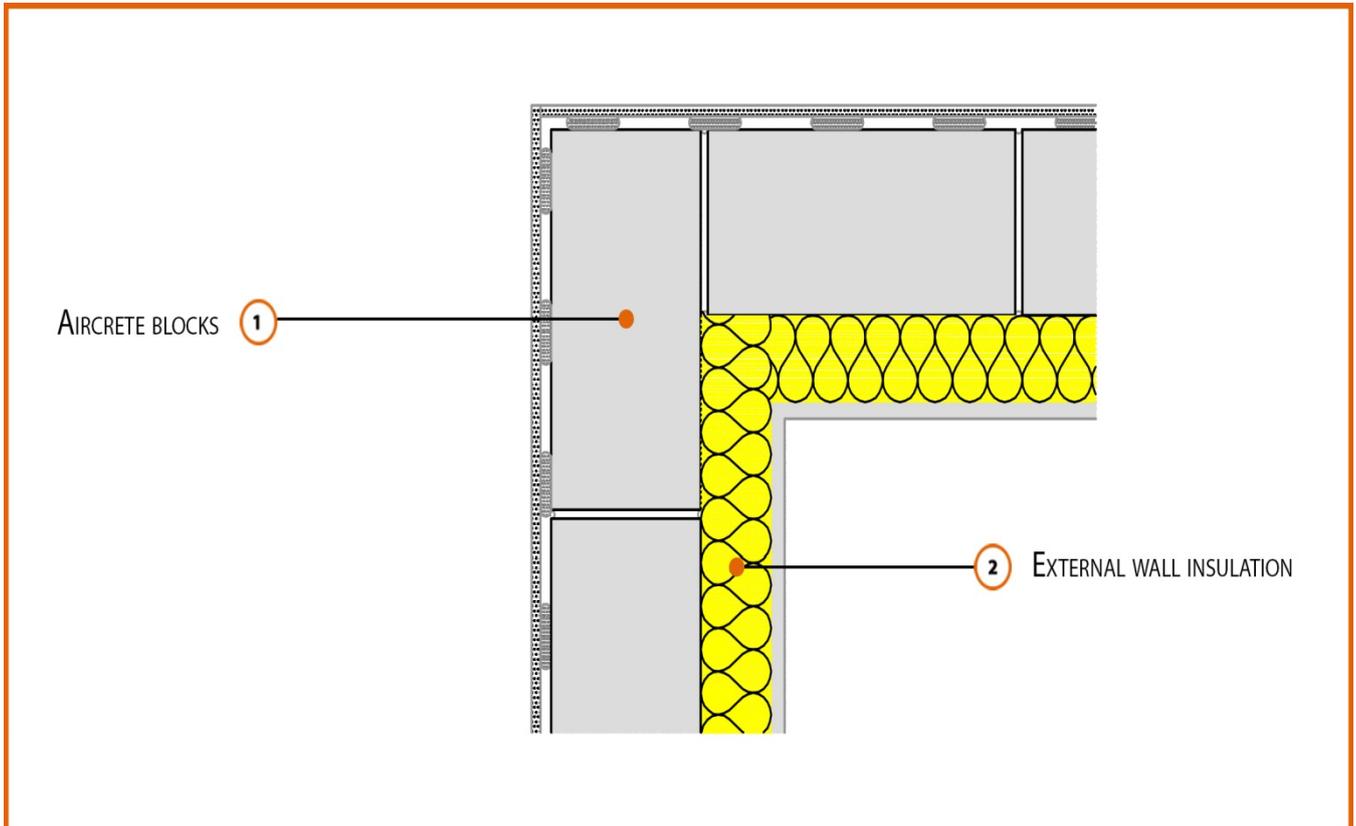


LABC Registered Construction Details

Masonry



Registration Number: E17SMEW4



Build Up

Solid External Masonry Wall

215mm Aircrete Solid Wall ($\lambda \leq 0.15$ W/mK)

Render & Insulation ($\lambda = 0.038$ W/mK)



Calculated ψ -values

	Inner leaf blockwork
	Aircrete Block $\lambda \leq 0.15$ W/mK
Cavity Insulation	ψ -value W/mK
75mm $\lambda=0.038$	-0.136
100mm $\lambda=0.038$	-0.127
150mm $\lambda=0.038$	-0.111

Points to Watch

- Ensure block face is kept clean of mortar spots and other debris during construction to permit tight fit of external wall insulation.
- Seal all penetrations through air barrier with flexible sealant.