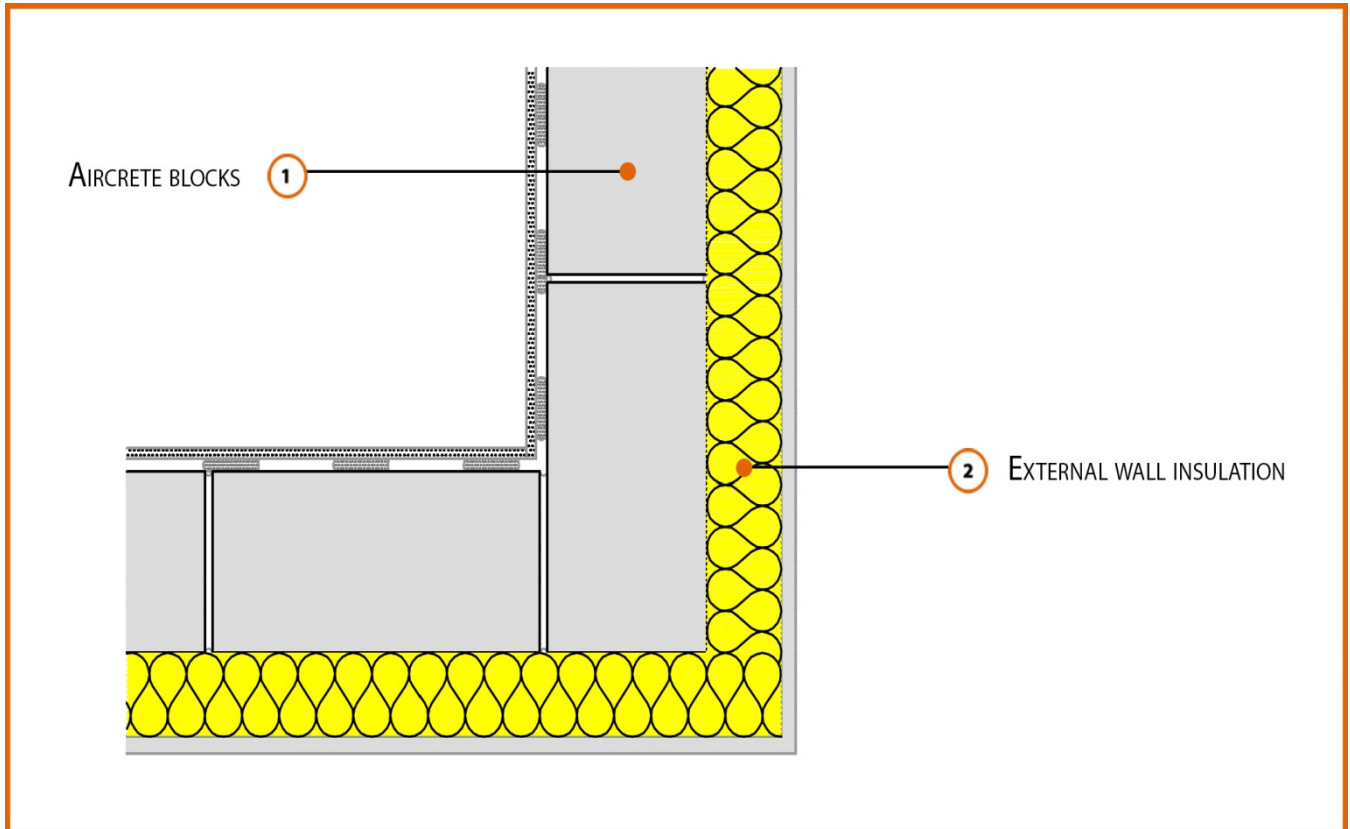


LABC Registered Construction Details Masonry



Registration Number: E16SMEW5



Build Up

Solid External Masonry Wall

215mm Aircrete Solid Wall ($\lambda \leq 0.19$ W/mK)

Render & Insulation ($\lambda = 0.022$ W/mK)



Calculated ψ -values

Cavity Insulation	Inner leaf blockwork
	Aircrete Block $\lambda \leq 0.19$ W/mK
	ψ -value W/mK
50mm $\lambda=0.022$	0.076
75mm $\lambda=0.022$	0.068
100mm $\lambda=0.022$	0.060

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.