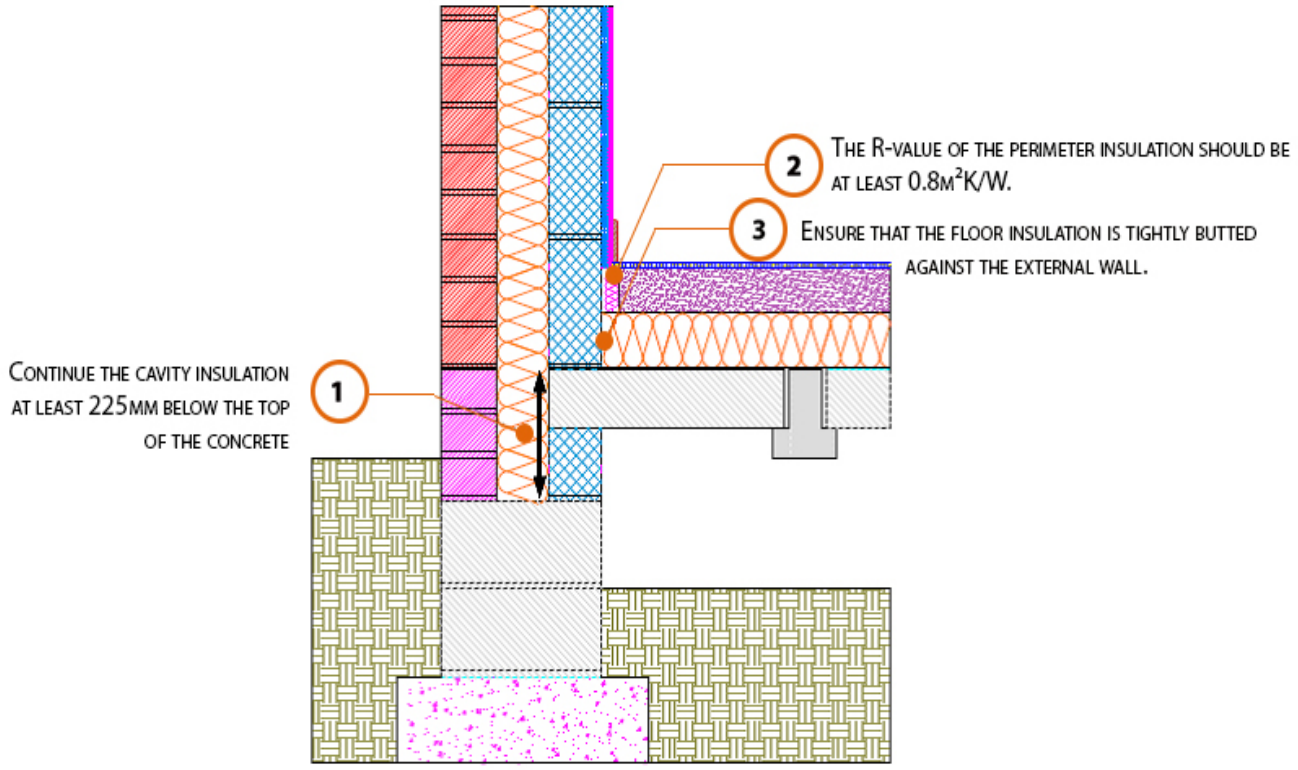
LABC Registered Construction Details
Masonry

Registration Number: E5MCFF6



Build Up

External Masonry Cavity Wall

Masonry Outer Leaf (λ = 0.77)

Dense Concrete Block λ ≤1.33 W/mK

Beam and Block Floor

Dense Floor Block

100mm Insulation Below Screed (0.022W/mK)

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Calculated ψ-values

	Inner leaf blockwork
	Dense Concrete Block λ ≤1.33 W/mK
Cavity Insulation	ψ-value W/mK
100mm λ=0.037	**0.160**
100mm λ=0.032	**0.162**
150mm λ=0.037	**0.167**
150mm λ=0.032	**0.169**

Points to Watch

- Ensure cavities are kept clean of mortar snots and other debris during construction
- Damp proof membrane / air barrier should be lapped to damp proof course and plaster stop bead.
- Any service penetrations through the damp proof membrane / air barrier should be suitably sealed.
- Sub floor ventilation to be in accordance with manufacturers recommendations. A cavity barrier type sleeve should be used through the cavity.
- The wall insulation installed must be considered fit for purpose below the wall dpc in relation to water absorption.