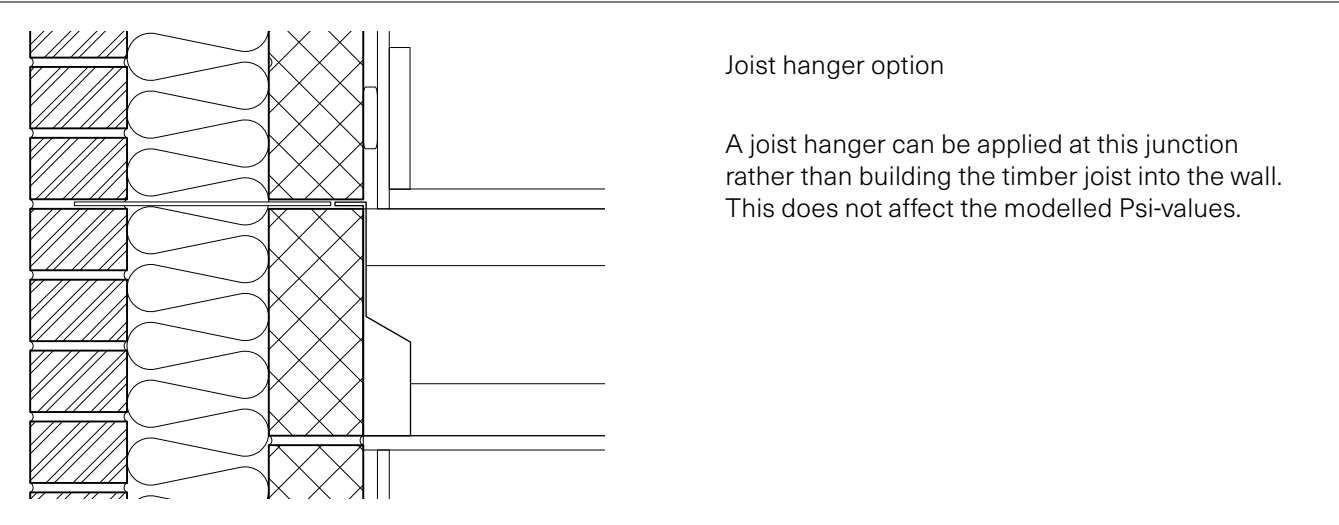
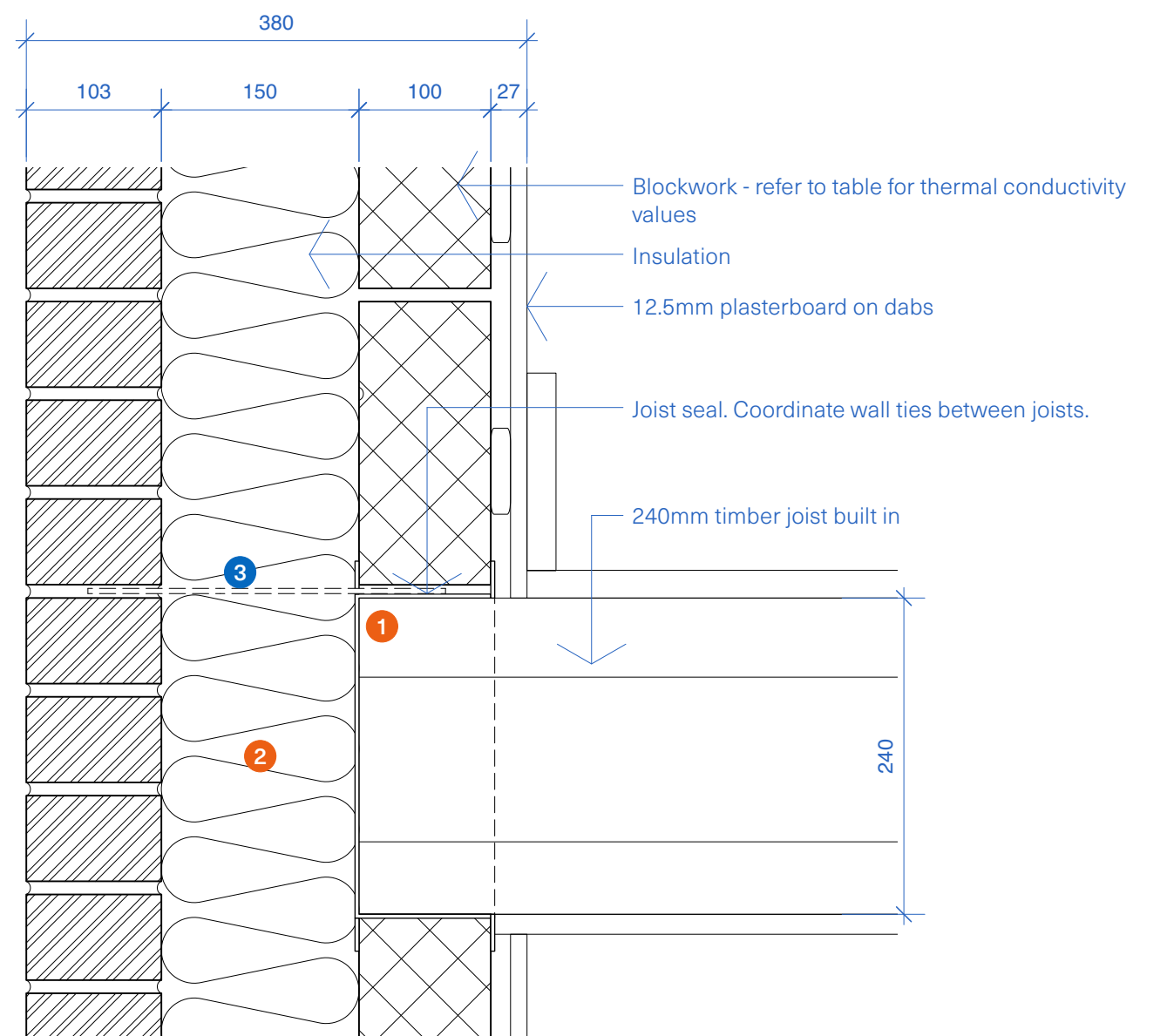


Construction Detail



Calculated Ψ (Psi) value for use in SAP Calculation

		Internal leaf block thermal conductivity (W/mK)					
Insulation thermal conductivity (W/mK)		0.11	0.15	0.19	0.28	0.6	1.33
	0.032	0.000	0.001	0.001	0.001	0.002	0.002
	0.034	0.001	0.001	0.001	0.001	0.002	0.003
	0.037	0.001	0.001	0.001	0.002	0.002	0.002

f-values: 0.972 - 0.985 (values above 0.75 indicate low risk of condensation and mould)

Ψ (Psi) value Thermal Compliance Notes

- 1 Joist seal to the end of the timber joist, built into the internal leaf blockwork. Airtightness seal.
- 2 Insulation to be continuous across floor abutment zone.

Construction Notes

- 3 Wall tie: No greater than 450mm vertical spacing.

General Notes

You can alternatively build this detail with a joist hanger rather than building the timber joist into the blockwork.

Maintain clear separation of components to prevent congestion within the cavity and mortar joints.