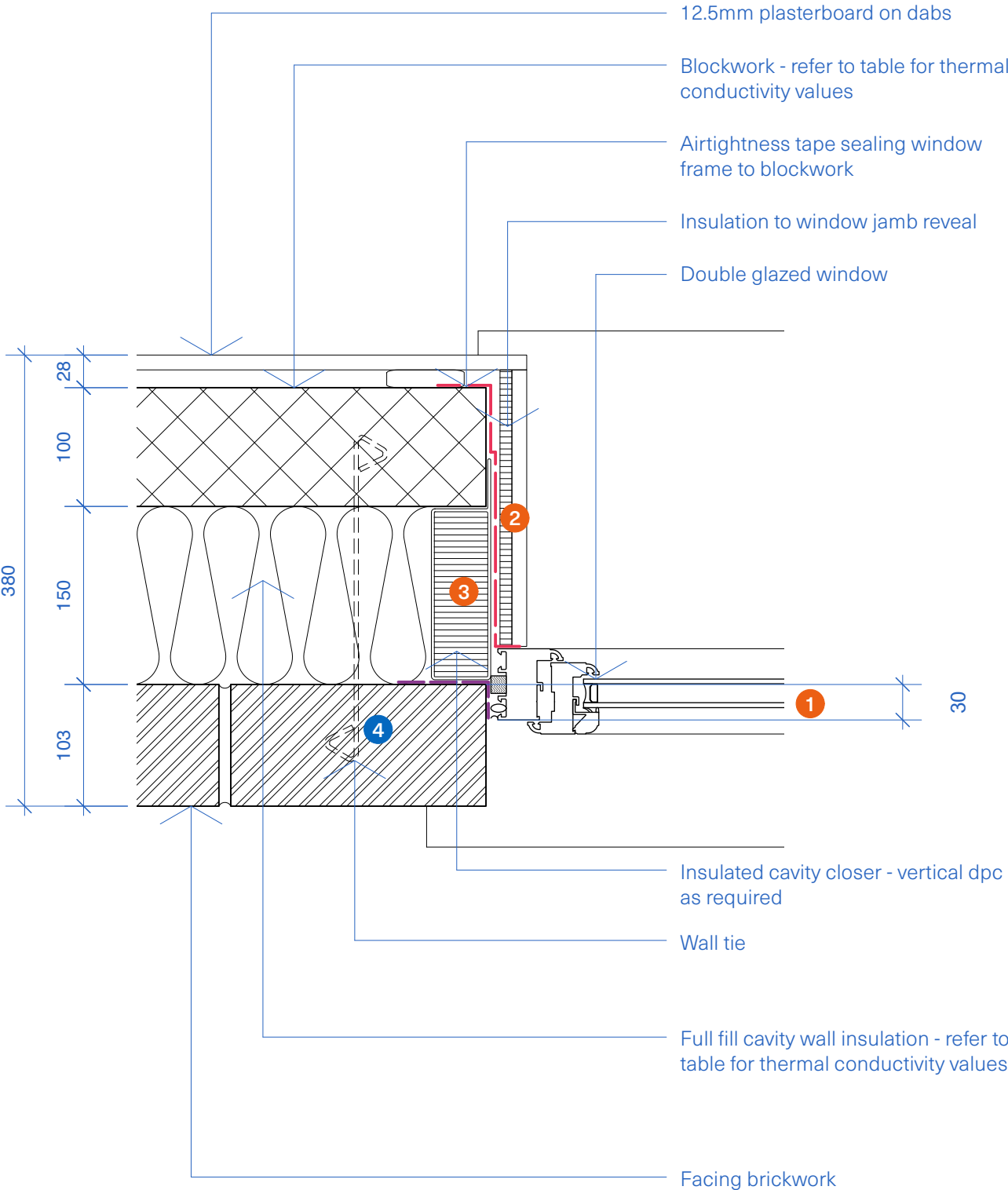


Construction Detail



Calculated Ψ (Psi) value for use in SAP Calculation

Insulation thermal conductivity (W/mK)	Internal leaf block thermal conductivity (W/mK)					
	0.11	0.15	0.19	0.28	0.6	1.33
0.032	0.019	0.018	0.017	0.017	0.016	0.016
0.034	0.019	0.017	0.017	0.016	0.016	0.016
0.037	0.018	0.017	0.017	0.016	0.015	0.015

f-values: 0.931 - 0.938 (values above 0.75 indicate low risk of condensation and mould)

Ψ (Psi) value Thermal Compliance Notes

- 1 Minimum 30mm overlap of window frame and insulated wall cavity.
- 2 10mm insulation with $\lambda \leq 0.026 \text{ W/mK}$ to window jamb reveal.
- 3 Insulated cavity barrier with $\lambda \leq 0.026 \text{ W/mK}$ fixed in accordance with manufacturers guidelines. If fixing spikes are used, they should be installed at the required centres. For compression fit cavity barriers, use the correct size for a compressive fit in the cavity.

Construction Notes

- 4 Wall tie: 225mm maximum distance from opening. No greater than 450mm vertical spacing. 450mm horizontal centres for first row of wall ties above and below opening.

