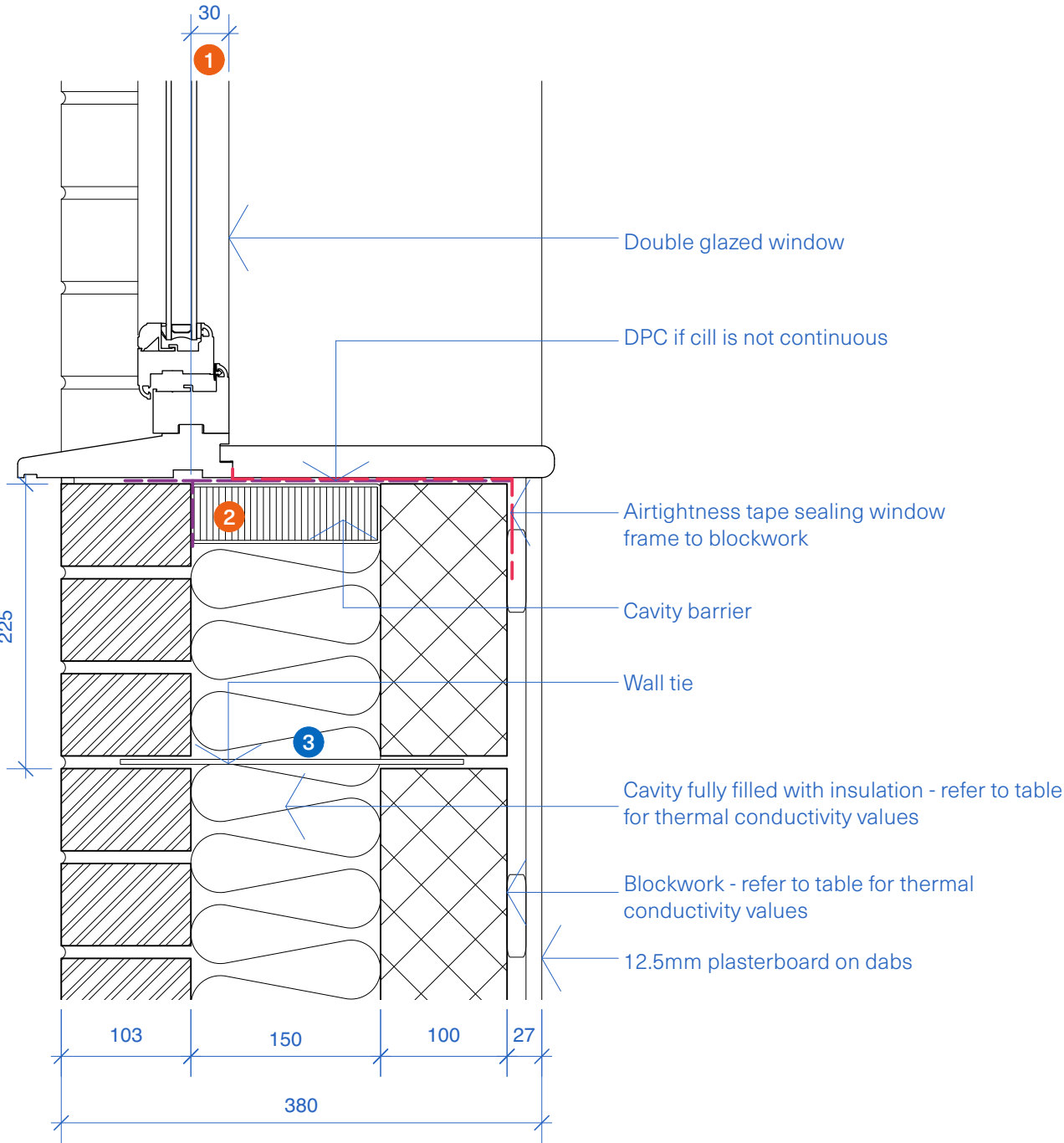


Construction Detail



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	0.024	0.023	0.022	0.022	0.021	0.021
0.034	0.023	0.022	0.022	0.021	0.021	0.021
0.037	0.023	0.022	0.022	0.021	0.020	0.020

f-values: 0.881 - 0.893 (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 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

- 3 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.



Masonry Full Fill | 150mm Cavity | 150mm Insulation | MFF-150-E3-01 | Cill, Proprietary insulated closer

Date: | Sign off: