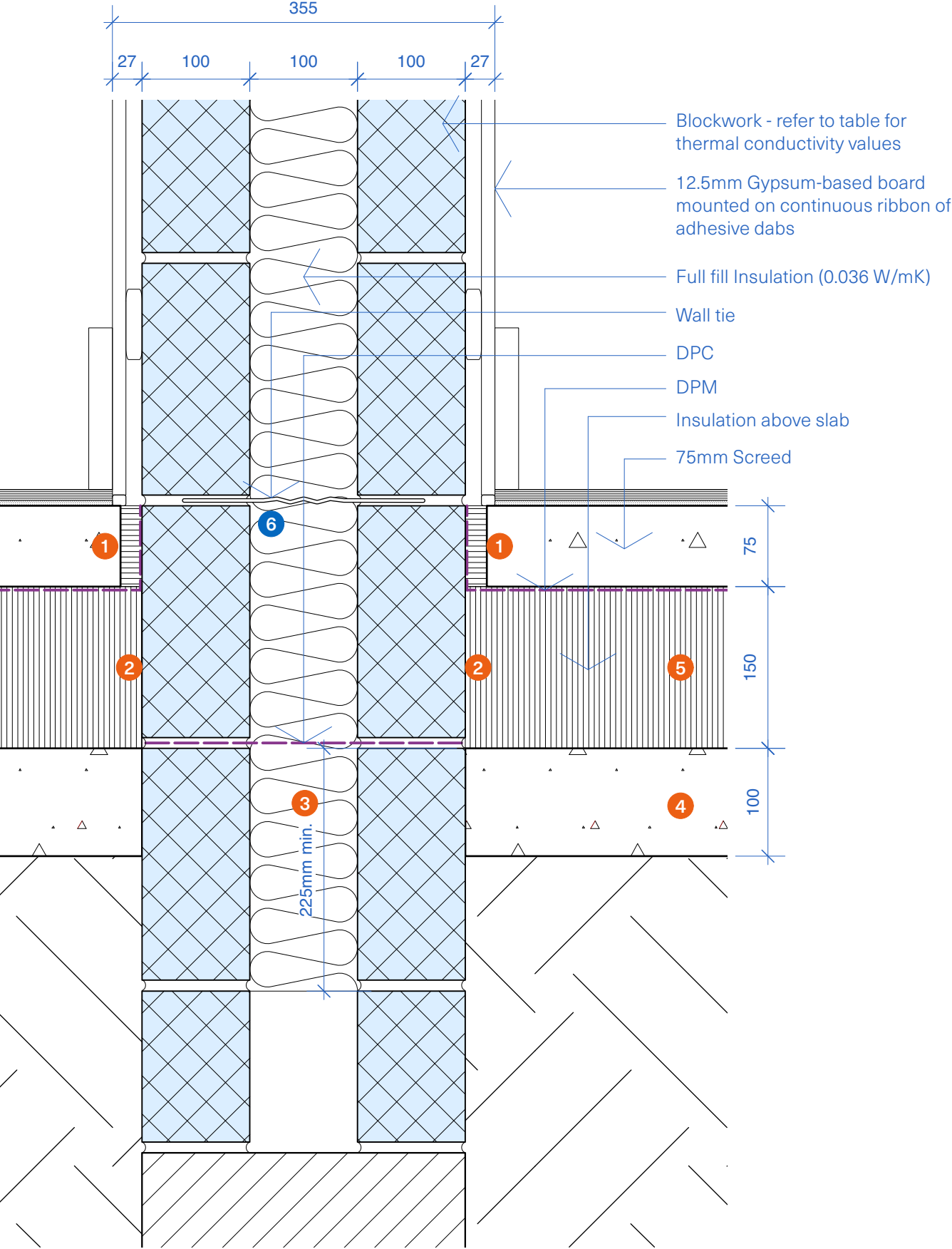


Construction Detail



Calculated Ψ (Psi) value for use in SAP Calculation

Separating Wall Block Conductivity: W/mK				
Floor Insulation Thermal Conductivity (W/mK)	0.15	0.19	0.6	1.33
0.022	0.036	0.043	0.093	0.154

f-values: 0.905 - 0.955 (values above 0.75 indicate low risk of condensation and mould)
The above Psi-values are applicable per dwelling on either side of the party wall.

Ψ (Psi) value Thermal Compliance Notes

- 1 Minimum 20mm perimeter insulation with $\lambda \leq 0.022 \text{ W/mK}$.
- 2 Ensure the floor insulation is tightly butted against the separating wall.
- 3 Continue full fill cavity insulation at least 225mm below the top of slab. Insulation below DPC to provide thermal resistance equal to or better than main wall insulation.
- 4 100mm Ground bearing slab.
- 5 150mm insulation (0.022 W/mK) above slab.

Construction Notes

- 6 Type A (part E) wall ties at no more than 2.5 ties/m² (900 x 450mm spacing).
Wall ties: no greater than 900mm horizontal spacing.