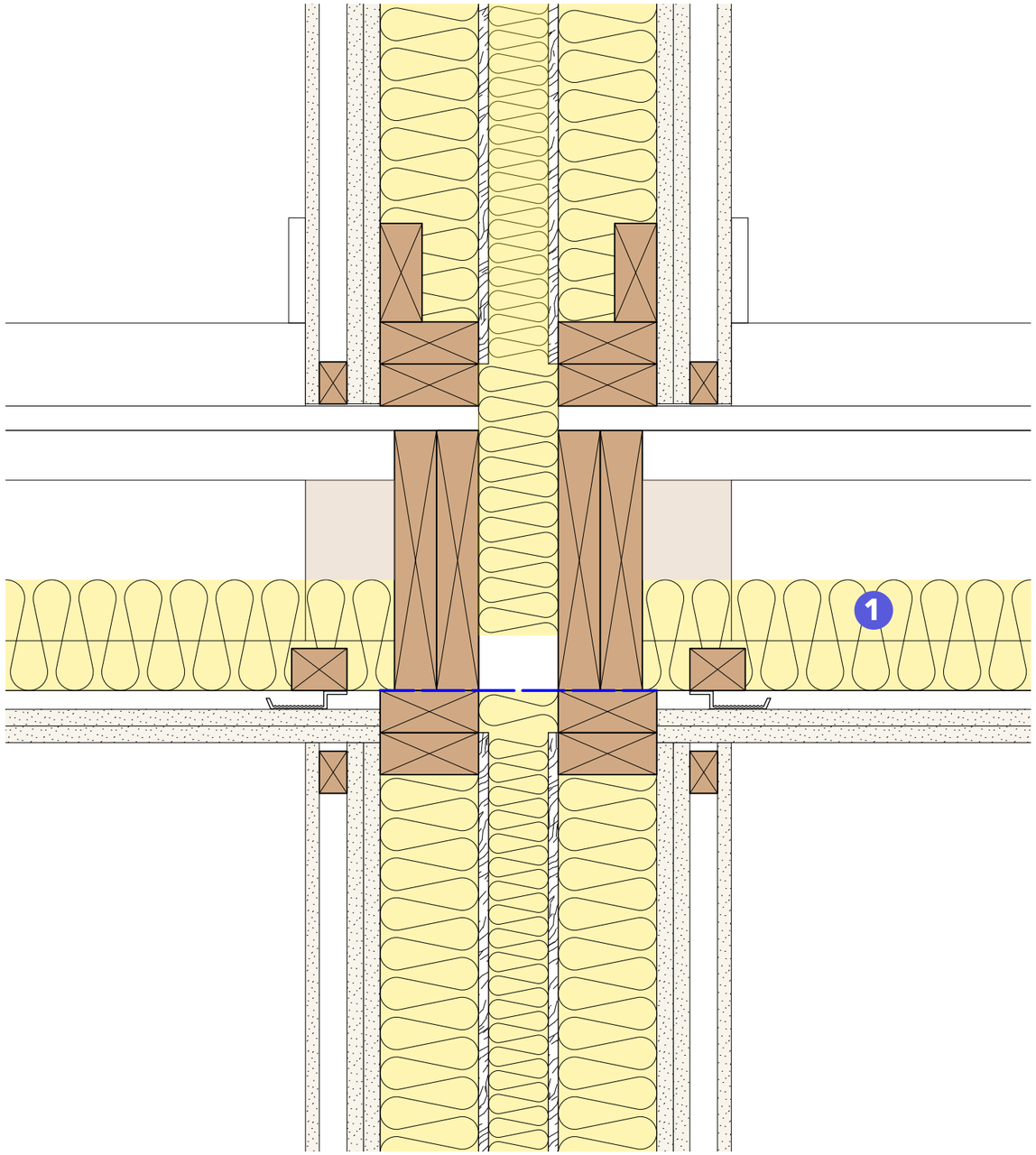
P3 -04: Party Wall Flats - I-Joists - Perpendicular

Psi Value: 0.000 W/mK

f Value: N/A



Thermal Compliance Notes

1 100mm mineral wool insulation (0.044 W/mK).

This party wall detail has a zero Ψ-value, due to the party wall, having zero U-value performance. Typically, any heat loss at this junction is balanced between properties. For good practice, STA have provided thermal detailing, to ensure a comprehensive suite of information is available.

Construction Notes

1. At party wall mid floors, solid timber header joist, and blocking, is required to comply with fire safety and acoustic requirements.
2. At party wall mid floors, web packing each side to I-joist, and I-joist sprockets, are required to comply with fire safety and acoustic requirements.
3. At party wall heads, a DPC should be fitted, and insulation gap maintained, to prevent water ingress and wetting of cavity insulation.
4. Acoustic floating floor to be in accordance with Robust Details technical requirements and does not impact thermal performance.
5. All acoustic insulation within party walls to be in accordance with Robust Details technical requirements.

General Notes

1. The timber frame detailing arrangements shown are considered common industry practice and align with STA technical guidance and advice where required.
2. All non-timber frame construction detailing, design and specifications, are the responsibility of the Principal Designer.
3. At party walls, additional service batten and plasterboard are considered good acoustic practice. For more information see Robust Details technical information.