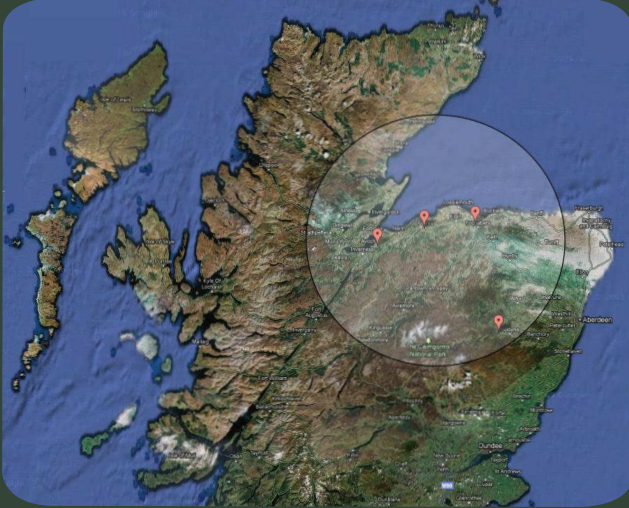


JJI-Studs

I-Studs using home grown timber



Home grown timber sourced within 50 miles of production facilities



Two storey 300mm I-Studs



I-Studs forming the curved wall structure

- James Jones & Sons Ltd is a sector leader in addressing key environmental issues. Our ISO 14001:2004 Management Systems and FSC Sustainable Timber Sourcing controls provide continual performance improvement
- Home grown Scottish Spruce timber flanges locally sourced within 50 miles of production facilities
- OSB/3 web raw material is a by-product of Scottish forestry harvesting and environmental management
- Reduced environmental impact due to locally sourced materials and proximity of production
- Cost effective alternative to other engineered stud solutions
- Structurally efficient 45mm x 45mm C16 flange profile, JJI-Studs typically at 400mm and 600mm design spacing
- Standard stock depths available; 195mm, 220mm, 245mm and 300mm, other depths available on request
- Standard stock lengths available; 2.4m and 3.0m, other lengths available on request



JJI-Studs

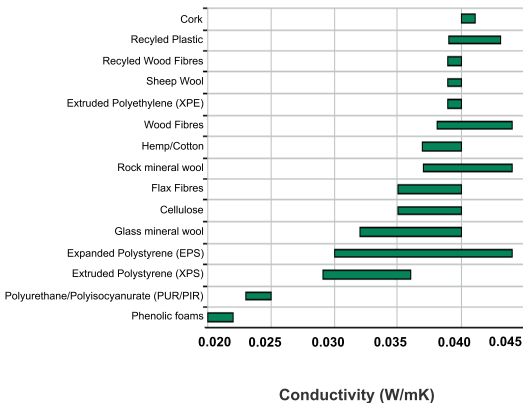
I-Studs using home grown timber



A sustainable planting policy

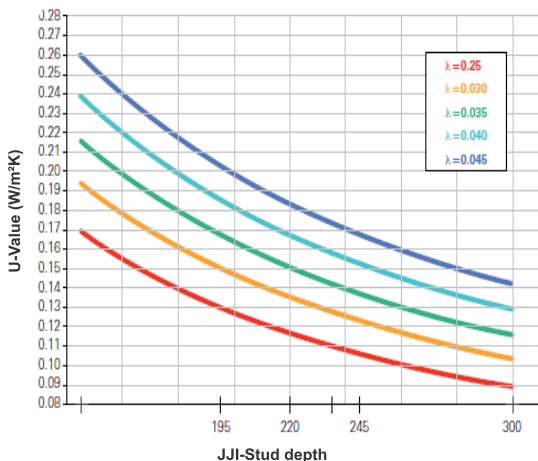
I-Stud wall panels ready for erection

Conductivity (λ values) for some common insulation materials



- Flange material graded to KD C16 according to EN 14081
- OSB/3 web material compliant with EN 300. Ultra low formaldehyde content-category E1 of EN 13986
- JJI-Studs can be designed in accordance with EC5 using C16 characteristic values from EN 338
- JJI-Studs can be designed in accordance with British Standards using C16 permissible stresses from Table 8, BS 5268-2
- Ability to easily achieve U-Values far in excess of current and expected Building Regulation requirement
- 9mm web reduces repeated thermal bridging by up to 10% compared with solid rectangular studs

Indicative U-Value for typical JJI-Stud External Walls



JJI-STUD RANGE

