



The Staircraft Difference - Floors

Our Unique *Floors*

Features & Benefits

	 Cost benefit	 Installation benefit	 Performance benefit	 Site H&S benefit	 Site waste benefit
Stiffest i-Joist on the market Longer spans; less deflection or bounce issues	✓	✓	✓✓✓		
Superior fire resistance The only i-Joist to permit 12.5mm plasterboard ceilings with no noggings	✓✓✓	✓✓✓	✓✓	✓✓✓	
Pre-fitted end blocks End blocks are factory fixed where i-Joists are built-in to masonry (at no added cost)	✓	✓✓	✓		✓
Pre-drilled service holes Any size/shape holes for pipes and services can be pre-drilled in our factory (at no added cost)	✓	✓✓✓		✓	✓
Factory fixed hole reinforcement Where holes exceed design limits we factory-fit reinforcements to make them permissible	✓✓✓	✓✓✓	✓✓✓		
No perimeter noggings needed By factory end notching our i-Joists, perimeter bracing can act as a permanent floor nogging	✓	✓✓✓	✓	✓✓	✓✓
Pre-cut floor decking Avoiding the need to cut floor decking on site and dispose of decking waste		✓	✓	✓✓	✓✓✓
No sacrificial i-Joists needed Our reusable 'WellSafe' system avoids the need for sacrificial i-Joist, hangers and decking	✓	✓✓✓		✓✓✓	✓✓✓
Integrated floor and stair design Ensuring the stairwell opening size is coordinated between the floor design and the stair design	✓	✓	✓	✓	✓
'Working platform' design option Allows the floor to be used as a working platform without the need for propping beneath	✓✓	✓✓	✓✓✓	✓✓	
Unique i-Joist labelling i-Joist labels indicate the relevant construction detail at each joist end, via QR code		✓✓			
Waterproof framing plans Site friendly framing plans which are weatherproof, tear proof and wipe clean		✓✓			
3D construction details via APP Access 3D details for each floor from QR codes on our framing plans and i-Joist labels		✓✓			
Downlight fire approved The only i-Joist with EN certified fire performance with downlights	✓		✓✓		
60min fire resistance for flats EN certificated 60min fire resistance using 2x15mm plasterboard in flats			✓		
Superior acoustic performance 43dB Scottish Regs can be satisfied without insulation or resilient bars	✓✓	✓✓	✓		✓
Technical and Installation Guides Including unique digital 3D construction details, downloadable via our APP	✓	✓✓✓	✓✓	✓✓✓	✓
Automatic padstone design check Possible padstone requirements flagged for engineers approval	✓		✓		
REVIT BIM model output Floor output as a 3D REVIT model as standard, enabling efficient resolution of design queries	✓	✓	✓		
i-Joists can be pre-cambered Large loads can be accommodated with small resulting deflections	✓		✓✓✓		