



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	✓		✓✓✓		



The Staircraft Difference - Stairs

Our Unique *Stairs*

Features & Benefits

	 Cost benefit	 Installation benefit	 Performance benefit	 Site H&S benefit	 Site waste benefit
Pre-drilled wall strings Wall strings pre-drilled at optimum fixing positions making installation and subsequent inspection easier		✓✓	✓✓	✓✓	
Factory applied tread protection Slip resistant peel-off tread protection applied as standard	✓✓✓	✓✓✓	✓	✓✓	✓✓✓
Winder support bracket Avoid storey height newels using our unique concealed factory fitted bracket solution	✓	✓✓	✓✓		✓✓
Factory fixed handrail to newel post connectors Secret handrail to post fixing, no loose parts & demountable	✓	✓✓	✓✓	✓	
Temporary timber guardrail The only EN 13374 temporary edge protection system using timber	✓✓	✓✓		✓✓✓	✓✓
Factory primed & undercoated components Only 1 x coat to finish	✓	✓✓	✓✓✓		
Superior balustrade strength Unique mortice and tenon baluster connections afford greater balustrade strength		✓	✓✓	✓✓	
Stepped bulkhead option Our unique stair construction enables greater headroom and consistent finish beneath the stair	✓✓	✓✓	✓✓		✓
REVIT BIM model output Stair output as a 3D REVIT model as standard, enabling efficient resolution of design queries	✓	✓	✓		
Stair installation guidance Industry leading site installation guidance	✓	✓✓✓	✓✓	✓✓✓	✓
Integrated floor and stair design Ensuring the stairwell opening size is coordinated between the stair design and the floor design	✓	✓	✓	✓	✓
Demountable balustrade Allowing removal for ease of access for bulky items & opportunity to change specification in future	✓	✓			
Top newel posts & wall strings factory cut & notched Enabling quick, easy and accurate stair mounting onto the supporting floor trimmer		✓✓✓	✓	✓✓	
Factory fixed newel caps Avoiding lost parts, inconsistencies or damage caused when site fixing newel caps	✓	✓✓	✓		
Factory assembled balustrades Balustrades pre-cut to correct length/pitch enabling quick, accurate installation	✓	✓✓✓	✓✓	✓	✓
Wall strings factory cut to finished floor levels Avoiding inconsistencies caused when cutting strings to the correct pitch on site		✓✓	✓		✓
Bullnose treads & curtail steps factory cut & notched Simple insertion of bullnose treads & curtail steps without the need to measure, cut & notch on site		✓✓	✓		
Pencil-rounded edge to top of wall strings Avoids paint drips forming on string corners when top coat is applied		✓	✓		
Pre-jointed/mitred landing balustrades Pre-formed, strong, accurate landing balustrade joints avoiding site inconsistencies/errors		✓✓	✓✓	✓	✓
Quality assured manufacturing Our stair spec/production is 3rd party accredited, and meets BWF & ISO 9001 quality standards		✓	✓✓		