

# EASI-JOIST®

THE MODERN SOLUTION  
TO FLOOR CONSTRUCTION



Wyckham Blackwell  
timber engineering

Since 1884



With a history of over 140 years, Wyckham Blackwell have been synonymous with leading edge design and supply of engineered timber products. The Easi-Joist® system of metal web flooring is another example of this.

## Advantages

- Increased joist span due to intrinsic strength.
- Can be used as a very effective long span rafter without the need for additional mid-section purlin supports.
- Available in sizes to suit the depth of solid joists – ranging from 195 to 417mm.
- Suitable for domestic, commercial, or industrial builds.
- Can be incorporated into the ceiling tie or an attic truss to enable greater clear span and larger room size.
- Installation of services is easier, and the clear space can accommodate the required insulation, providing a useable loft space.
- They are now a genuine alternative to concrete joists on schools, apartment blocks, municipal buildings and other public sector applications.
- Whilst each system has standard dimensions and known physical properties, each individual joist is bespoke – designed by computer for each individual project and manufactured by Wyckham Blackwell to order.
- As they are engineered products, they can be designed for long spans, and even extended cantilevers, something far beyond the capabilities of traditional timber joists.
- The clear, open structure of the metal webs negate the weakening effects of over zealous M&E installers, and is positively beneficial in heavily serviced public buildings where air handling systems, data trunking, and other underfloor services must be accommodated within the floor structure.
- In domestic construction, especially in respect of the Code for Sustainable Homes, it is increasingly beneficial for the incorporation of technologies such as heat recovery systems.
- In timber frame buildings they can assist with robust detail E-FT-3 to achieve an accredited sound separating floor system covering the passage of noise in buildings – in some cases negating the costly acoustic specialist tests on completion of the building.



At Wyckham Blackwell we have huge experience of supplying Easi-Joist® and we would be delighted to discuss and assist with your enquiries.



SUPPLY & FIT

FASTRACK

“...better by design”

Wyckham Blackwell Ltd.  
Wyckham Way, Old Station Road, Hampton in Arden,  
Solihull, West Midlands B92 0HB



Contact:

Wyckham Blackwell today on: 01675 442233  
email enquiries to: enquiries@wyckhamblackwell.co.uk  
or visit: www.wyckhamblackwell.co.uk

Why risk floor joist problems when you could make your life... 'Easi'

# EASI-JOIST®

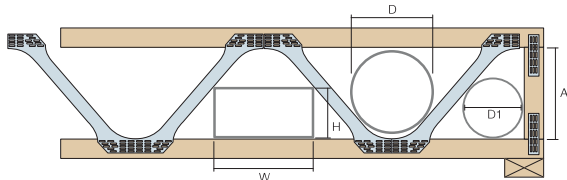
- **EASI** - Wider spans can be achieved
- **EASI** - No drilling required for services
- **EASI** - Savings on expensive labour and time
- **EASI** - One solution for domestic, commercial and industrial builds
- **EASI** - No cutting on site - designed and manufactured by Wyckham Blackwell as bespoke solution

## FASTRACK

Where trusses or joists are required very quickly, we can offer a 5 day FASTRACK delivery service from receipt of signed drawings.

## Technical specification

Joist depth (in mm) 195, 219, 254, 304, 417

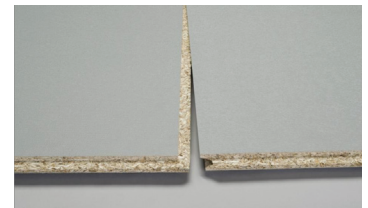


### Clearance for circular service

	WS200	WS250	WS300	WS400
A (mm)	125	160	210	323
D (mm)	100	150	200	280
D1 (mm)	100	100	130	190

## Chipboard flooring

Protect P5 T&G4  
2400mm x 600mm x 22mm



## OSB TG4 Flooring



2400mm x 625mm x 18mm  
T&G4 Moisture Resistant  
OSB Flooring



"...better by design"