

technical information sheet

e-joint 265mm

Wesbeam e-joint 265mm is purpose designed for wet area floor systems.

- e-joint 265mm minimises material and labour costs
- Used in combination with 35mm packers to achieve a uniform depth of 300mm
- Available in flange widths of 63mm and 90mm – providing least cost design options
- Enables web penetrations up to 175mm in depth, assisting the transition of HVAC, plumbing and electrical conduit from 300mm deep e-joint

Figure 1 – Step Down Isometric

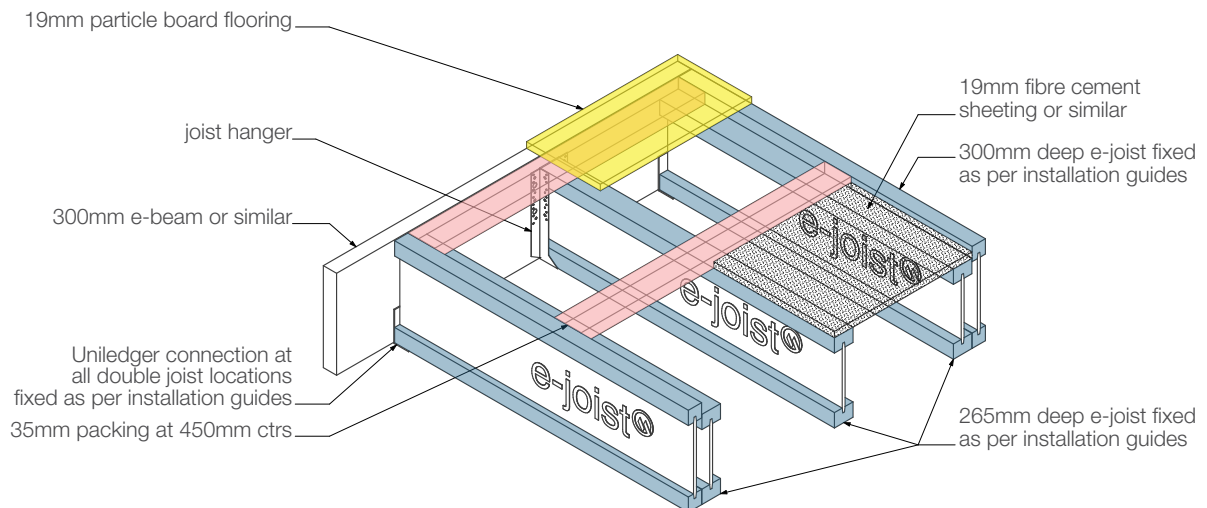


Table 1 – Recommended Floor Joists Spans (m)

Section Code	Recommended Span Range (m)		
	Single Span		
	Joist Spacings (mm)		
	300	450	600
ej265 63	4.9 to 5.9	4.4 to 5.3	4.1 to 4.9
ej265 90	5.4 to 6.4	4.9 to 5.8	4.4 to 5.3

Section Code	Recommended Span Range (m)		
	Continuous Span		
	Joist Spacings (mm)		
	300	450	600
ej265 63	5.8 to 6.9	5.2 to 6.2	4.8 to 5.7
ej265 90	6.3 to 7.5	5.6 to 6.7	5.2 to 6.2

Note: 1. The tables for single and continuous floor joists spans assume a floor load self weight of 40 kg/m² and a floor live load of 1.5 kPa (~ 150 kg/m²)
 2. For definition of continuous joist refer Wesbeam document e-joint engineered floor joists
 3. Where Setdown extends the full length of the joist select a joist span near the lower extent of the span range.

Figure 2 – Section Through Floor System Perpendicular to Joist

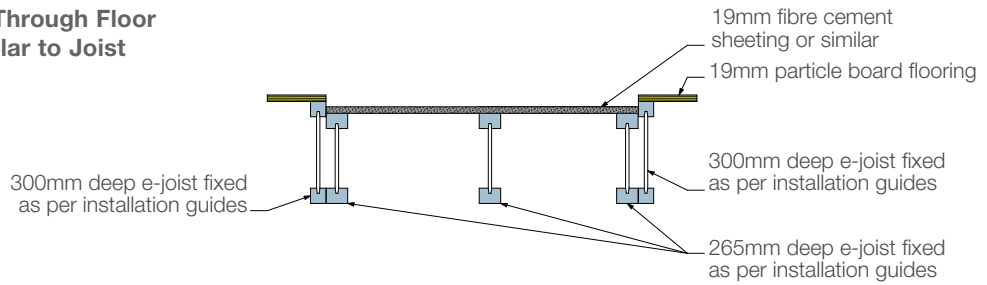
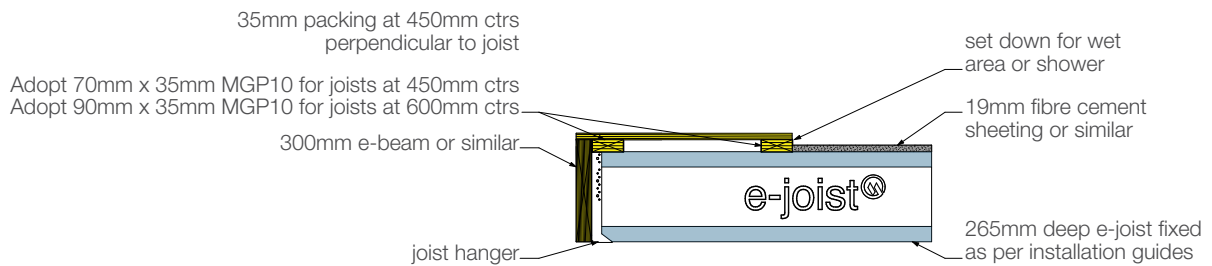


Figure 3 – Section Through Floor System Parallel to Joist



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