MJC — Multiple Joist Connector

Materials

• Pre-galvanised mild steel Z275

Advantages

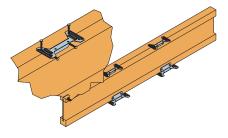
- Quick and simple to install.
- Safely joins multiple joists together, allowing them to act as a single unit.
- Easy to see that MJCs are installed (where as filler blocks are not visible).
- One size product fits all joist height and width combinations.

Features

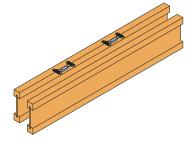
• The MJC is an improved solution to the traditional filler block detail, which historically has been time consuming to fit and difficult to check if fitted or if fitted correctly. It's simple and effective design allows one size of product to be used on any joist size - regardless of height or width.

Installation

1. Position the MJC's onto the first joist, ensuring that they are centred about the incoming loads. 400mm centres for Concentrated loads and equally spaced for Regular loads.



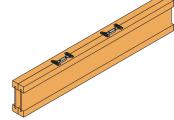
2. Secure each MJC with 3.75x38mm nails in all holes. 4 nails into each joist.



Secure the joist to the MJC using four 3.75 x 38mm nails per MJC.

3. Position the second joist ensuring

ends are flush and joists are parallel.



Technical Data

Number of MJC's

8

Metal Web Applications - Concentrated Loads Maximum Incoming Cond Load [kN] - Metal W

entrated Loads	I-Joist Applications - Concentrated Loads					
centrated	Maximum Ir	Maximum Incoming Concentrated Load [kN] - I-Joists				
Veb	Number of	Characteristic Loads				
teristic Loads	MJC's	LVL Flanges	Solid Sawn Flanges			
12.6	4	16.6	15.3			
18.9	8	24.9	22.9			

1. Maximum Incoming Concentrated Load refers to the maximum concentrated load that can beapplied when the MJC's are installed either side of the incoming load.

2. Number of MJC's equally spaced about the incoming load.

Charac

Metal Web Applications - Regular Loads Maximum Incoming Regular			I-Joist Applications - Regular Loads Maximum Incoming Concentrated			
Load [kN] - Metal Web		Numbor	Number	Characterist		
Number of MJC's	Characteristic Loads	of MJC's	LVL Flanges	So		
2	6.3	1	2	8.3		
4	9.4		4	12.4		

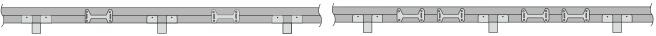
1. Maximum Incoming Regular Load refers to the maximum load that can be applied at regularintervals along the supporting timber.

2. Number of MJC's between each incoming load.

Typical spacing for Regular loaded joist

2x MJC connectors between joists: 1 top and 1 bottom

4x MJC connectors between joists: 2 top and 2 bottom



m Incoming Concentrated Load [kN] - I-Joists Characteristic Loads

Solid Sawn Flanges

7.6

11.4

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