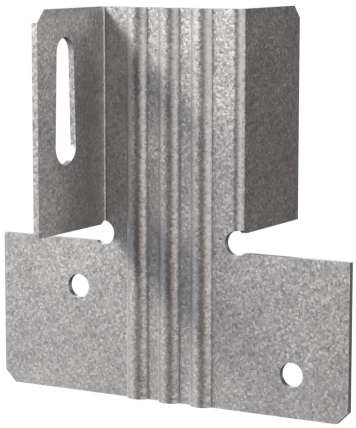
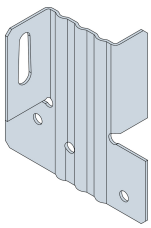
Technical Sheet

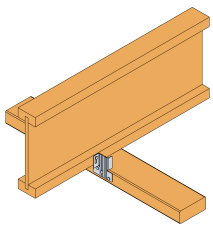
PWR
Partition Wall Restraint

The PWR connector is used to laterally restrain the top of a non-load bearing partition wall by connecting it to the floor joists above. The tapered slot allows for joist deflection when it is loaded, while still restraining the partition wall.

- Provides lateral restraint to non-load bearing partition walls.
- Allows joist deflection.







Features

Material

- Pre-galvanised mild steel

Technical Sheet

PWR
Partition Wall Restraint

Technical Data

Dimensions & Performance Values

Reference	Connector Dimensions								
	Product Dimensions[mm]						Joist	Horizontal flange	Other
	A[mm]	B[mm]	C[mm]	D[mm]	E[mm]	t[mm]	Round Ø4.1	Tapered Slot	Weight[kg]
PWR15	65	36	65	20	15	1	3	1	0.031

1. 3.75x30 refers to a Galavanised or Sheradised Square Twist Nail

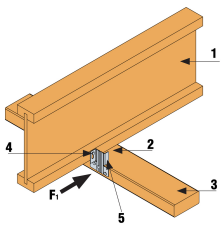
Performance Values

Reference	Ties capacity		
	Product characteristic capacities - Timber C24[kN]		Safe Working Loads[kN]
	Number of Fasteners		R4,SWL,Short Term
	Joist	Flange D	N3.75x30
PWR15	3.0	1	0.5

Installation

Installation

- Position the connector on top of the header rail and against the floor joist.
- Secure the connector to the header rail with the specified fasteners.
- The bottom of the location tab should sit on the top of the header rail.
- Secure the connector to the joist with the specified fasteners, allowing a 1-2mm gap between the underside of the fastener head and the PWR connector.
- The fastener MUST be installed at the top of the tapered slot as this allows for the deflection of the joist.
- Maximum gap between the partition and the joist is 15mm.
- **PLEASE NOTE:** The fastener into the joist MUST be hand nailed to ensure the gap between the underside of the nail head and the PWR connector is maintained



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