

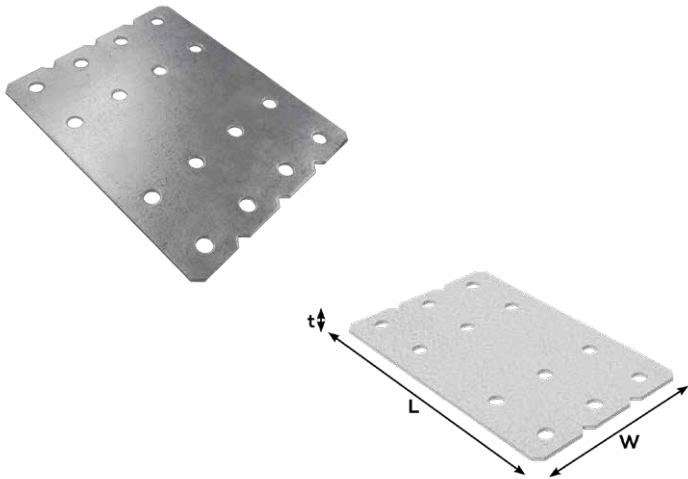


GALVANISED PLATES - HEAVY DUTY

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Engineered. Tested.
Industry proven.

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APPLICATION

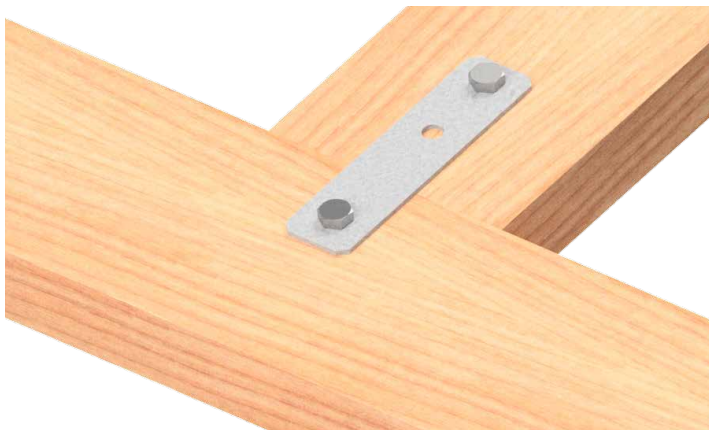
Commonly used to join timbers between flat timber faces.

SPECIFICATION

VUETRADE Plates - Heavy Duty are manufactured from 3.0mm thick mild steel conforming to AS1379:2021 with steel yield strength of minimum 300MPa. Plates are corrosion protected with Z275.

FASTENERS

Fasteners used in Plates - Heavy Duty shall refer to product size table in the next section. Use of coach screws in an equivalent size is permissible. Refer to usage guidelines in the next section on Plates - Heavy Duty usage for structural purposes for bolt spacing and minimum timber size requirements.



PRODUCT SIZES

Product Code	Dimensions (mm)	Thickness	Bolt Holes	Box Qty
VPHD12040	120 x 40mm	3.0mm	M10	50
VPHD12080	120 x 80mm	3.0mm	M10	25
VPHD120120	120 x 120mm	3.0mm	M10	25
VPHD120160	120 x 160mm	3.0mm	M10	25
VPHD16040	160 x 40mm	3.0mm	M10	50
VPHD16080	160 x 80mm	3.0mm	M10	25
VPHD160120	160 x 120mm	3.0mm	M10	25
VPHD160160	160 x 160mm	3.0mm	M10	25
VPHD20040	200 x 40mm	3.0mm	M10	50
VPHD20080	200 x 80mm	3.0mm	M10	25
VPHD200120	200 x 120mm	3.0mm	M10	20
VPHD200160	200 x 160mm	3.0mm	M10	15

USAGE OF VUETRADE PLATES - HEAVY DUTY FOR STRUCTURAL PURPOSES

While the Plates - Heavy Duty can be used in many applications, it is imperative to ensure that any structural applications must adhere to the requirements stipulated in the current National Construction Code for any relevant building classes.

For the purposes of this document, Plates - Heavy Duty used for structural purposes in timber framed structures MUST adhere to the requirements stipulated NCC 2022 Volume Two - Building Code of Australia Class 1 and 10 buildings, which includes the requirement to comply with, but not limited to, the following Australian Standards:

- AS1720.1 Timber Structures - Design Methods
- AS1684.2 Residential timber-framed constructions
- AS1720.5 Timber Structures - Part 5: Nailplated timber roof trusses.

Usage of Plates - Heavy Duty with bolts shall adhere to edge and end distance between bolts placement and timber grades used as per AS1720.1.

The associated design capacities are dependent on the intended usage, timber grades, orientation of loadings and should be based on consultation and certification from relevant engineering authorities.

It is the responsibility of the end users and structural/site engineers to ensure correct application of plates. VUETRADE does not accept responsibility for non-compliant use of Plates - Heavy Duty.

