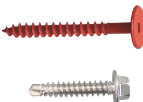
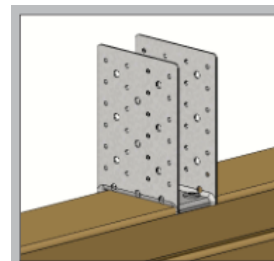


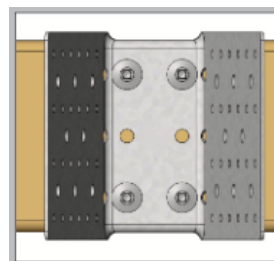
Standard Truss/Rafter Connection

Application : DOUBLE TOP PLATE

LIMIT STATE DESIGN CAPACITY (k/N)		Timber Joint JD4
4 x 65mm screws into top plate 2 x 35mm screws into truss each side		9.4 k/N
6 x 65mm screws into top plate 3 x 35mm screws into truss each side		14.1 k/N

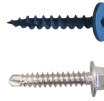


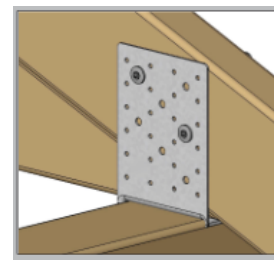
1. Position Bracket at the set out point



2. Use Impact Driver and screws supplied to fix bracket to top plate

Application : SINGLE TOP PLATE

LIMIT STATE DESIGN CAPACITY (k/N)		Timber Joint JD4
4 x 35mm screws into top plate 2 x 35mm screws into truss each side		7.2 k/N
6 x 35mm screws into top plate 3 x 35mm screws into truss each side		11.1 k/N



3. Use Impact Driver and screws supplied to fix truss to bracket

NOTE: The specified Burmon Screws supplied in each box must be used to achieve load rating.

Lintel Connection

Applications

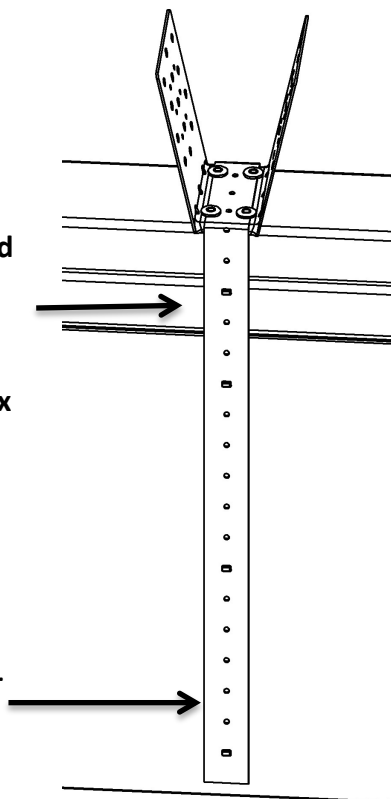
1. Lintel Connection
2. 18.0 k/N uplift connection

LIMIT STATE DESIGN CAPACITY (k/N) Number of Fixings	Timber Joint JD4
4 x 35mm screws into top plate 6 x nails per leg of builders strap 4 x 35mm screws into truss each side	18.0 k/N

- A. Use galvanized builders strap with cyclone bracket and screw fix together to top plate.

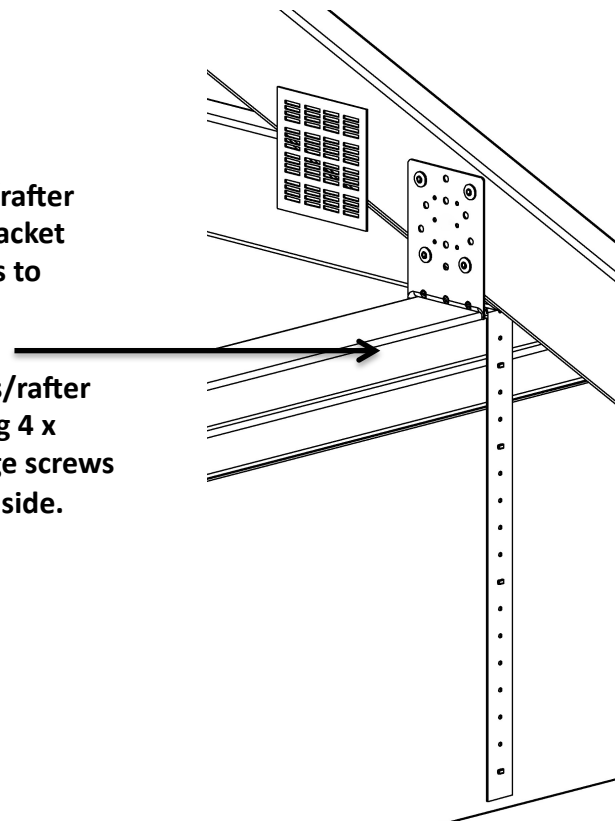
Fixing: Screw fix 4 x 35mm screws into bracket & strap to top plate.

- B. Nail builders strap to lintel both sides.



- C. Lower truss/rafter into cyclone bracket and screw truss to bracket.

Fixing: Fix truss/rafter to bracket using 4 x 35mm, 12 gauge screws into truss each side.



Double Truss/Rafter Connection

Applications

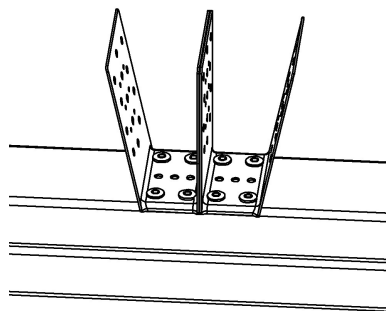
- 1) Double girder truss connection
- 2) 2 Trusses side by side
- 3) 2 Rafters side by side
- 4) 1 Truss and 1 Rafter side by side

NOTE FOR DOUBLE GIRDER TRUSS:

Use reciprocating saw to cut nails between the two trusses.

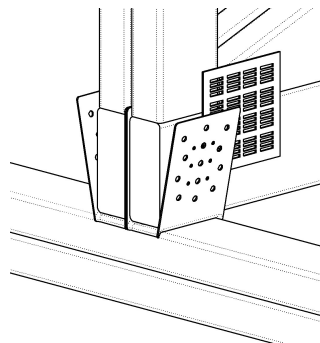
Use chisel to wedge opening between the two trusses and lower truss into brackets.

LIMIT STATE DESIGN CAPACITY (k/N) Number of Fixings	Timber Joint JD4
4 x 65mm screws into each bracket 4 x 35mm screws into truss each side 1 x 75mm x 16g batten screw through whole connection. (one each side)	9.4 k/N

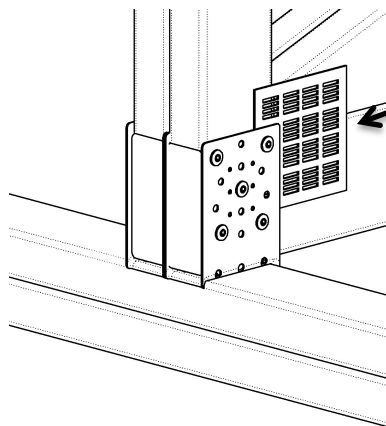


A. Screw fix two brackets side by side to top plate. Ensure inner walls of brackets are vertical.

Fixing : Screw fix 4 X 65mm 10 gauge screws into each bracket to top plate.



B. Lower rafters/truss into brackets.



C. Screw rafters/truss to bracket

Fixing : Fix 4 x 35mm hex head screws into rafter/truss each side.

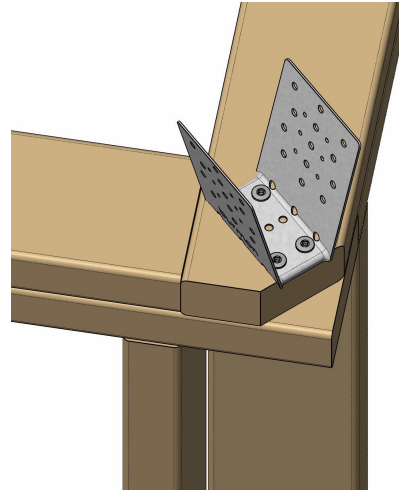
Fixing : Fix 1 x 75mm x 16g batten screw through whole Connection. (1 each side)

Hip Connection

Applications

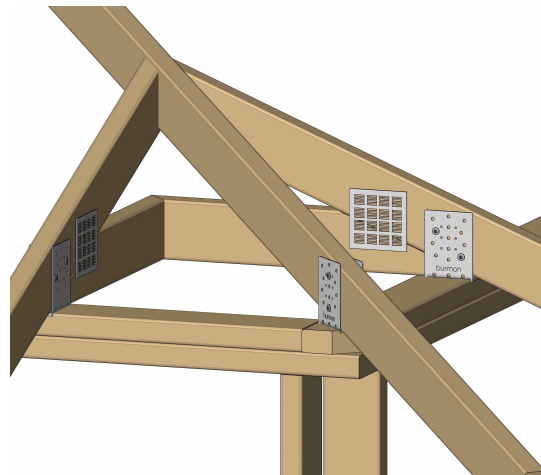
1) Truss/ Rafter Hip Connection

LIMIT STATE DESIGN CAPACITY (k/N) Number of Fixings	Timber Joint JD4
4 x 65mm screws into each bracket 2 x 35mm screws into truss each side	9.4 k/N



A. Screw fix bracket to top plate.

Fixing : Screw fix 4 X 65mm 10 gauge screws.



B. Lower rafters/truss into bracket and screw off.

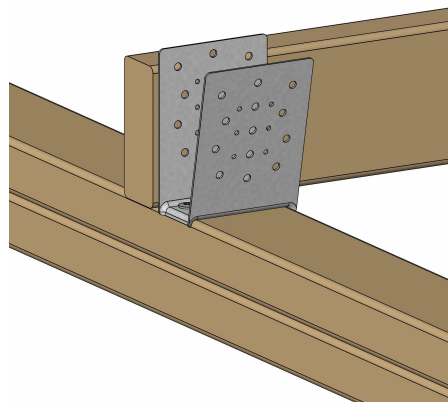
Fixing : Fix 2 x 35mm hex head screws into rafter/truss each side.

Ceiling Joist Connection

Applications

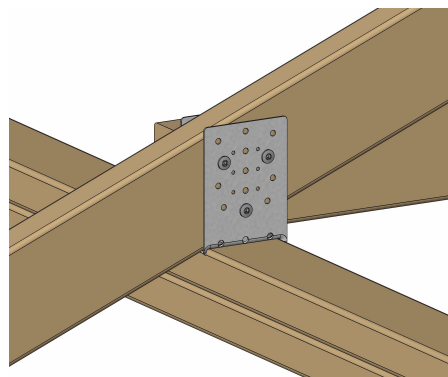
1) Ceiling Joist Connection

LIMIT STATE DESIGN CAPACITY (k/N) Number of Fixings	Timber Joint JD4
4 x 65mm screws bracket to top plate. 2 x 35mm screws into rafter. 2 x 65mm screws into ceiling joist, through bracket and rafter	6.5 k/N



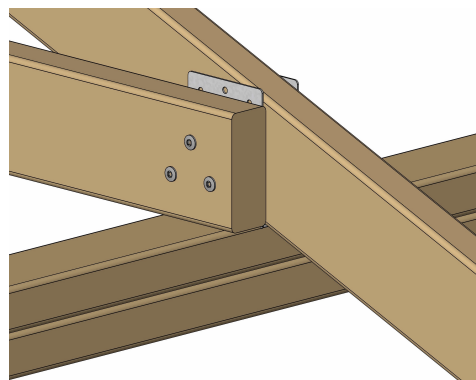
A. Screw fix bracket to top plate.

Fixing : 4 x 65mm screws



B. Lower rafter into bracket and fix with screws.

Fixing : Fix 35mm hex head screws into truss each side.



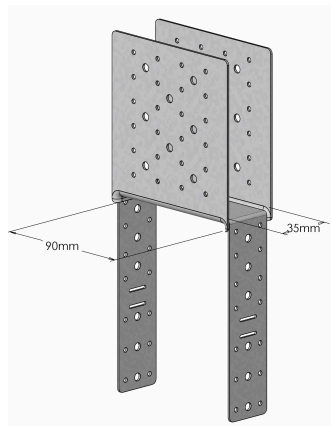
C. Position ceiling joist hard up against bracket and fix ceiling joist to bracket.

Fixing : Fix 65mm screws through ceiling joist, through bracket into rafter each side.

Cyclone Bracket Extreme

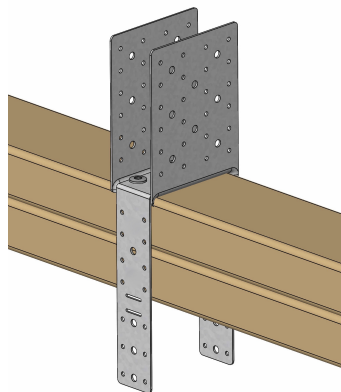
Applications

1) Roof truss/rafter connection.



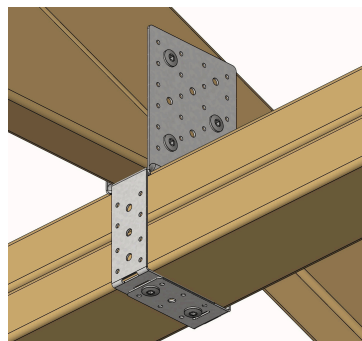
A. Fix bracket and over strap to top plate at set out point, holes lined up.

Fixing : Screw fix to top plate with 4 X 35mm 10 gauge screws supplied.



B. Wrap strap under and holes lined up fix with screws.

Fixing : Fix 2 x 35mm Screws.



C. Lower truss/rafter into bracket and fix off using 35mm hex head screws.

Fixing : Fix 4 x 35mm hex head screws into truss/rafter each side.

LIMIT STATE DESIGN CAPACITY (k/N) Number of Fixings	Timber Joint JD4
4 x 35mm screws into each bracket and over strap 2 x 35mm screws fixing straps under 5 x 35mm screws into truss each side	25 k/N