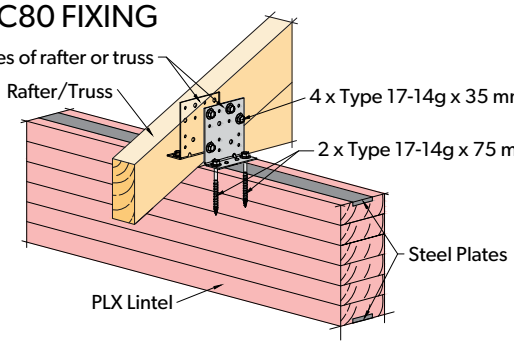
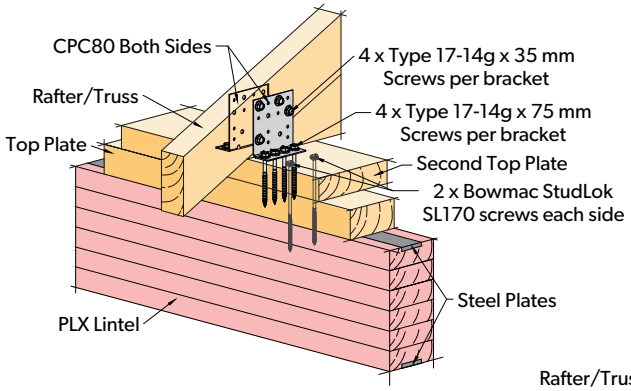
A1. RAFTER/TRUSS DIRECT CPC80 FIXING

- For use only with the MiTek 16KNTTP Kit.
- Use 4 of the 8 provided Type 17-14g x 75 mm screws (2 each side) and discard the remainder.
- The choice of fixing holes to the rafters should be offset to avoid interfering with the opposite side fixings.



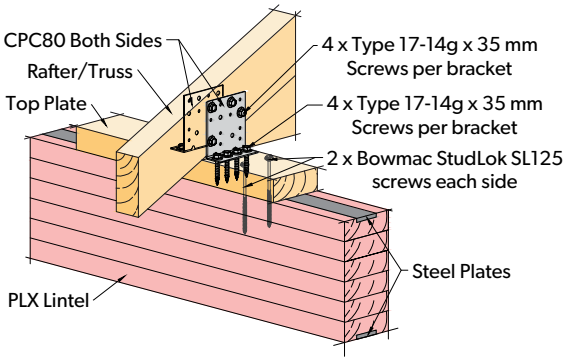
Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
16	11.2

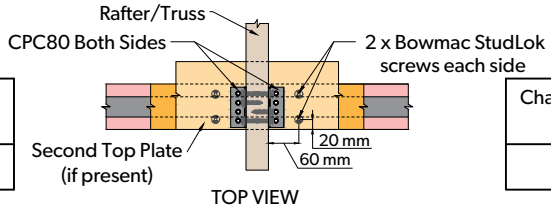
B1. RAFTER/TRUSS CPC80 FIXING WITH DOUBLE TOP PLATES



Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
16	11.2

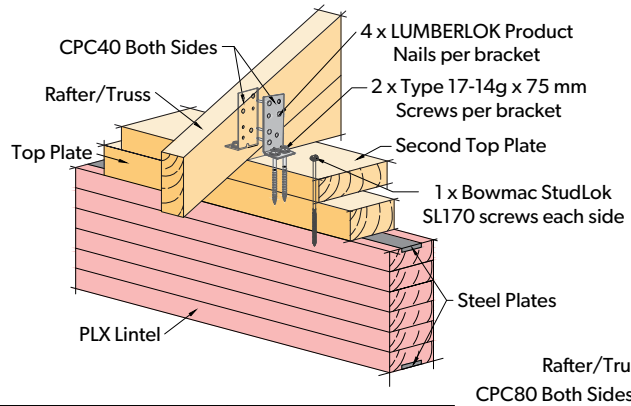
B2. RAFTER/TRUSS CPC80 FIXING WITH SINGLE TOP PLATE





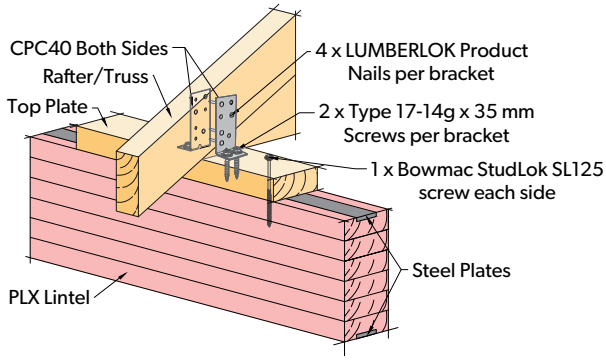
Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
16	11.2

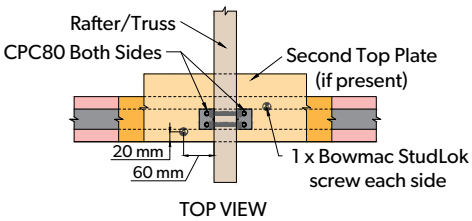
C1. RAFTER/TRUSS CPC40 FIXING WITH DOUBLE TOP PLATES



Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
8	5.6

C2. RAFTER/TRUSS CPC40 FIXING WITH SINGLE TOP PLATE





Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
8	5.6

- Accurately position the StudLok screws at 20mm edge distance as shown.
- Take care while drilling to prevent the steel plate from damaging the screw threads.

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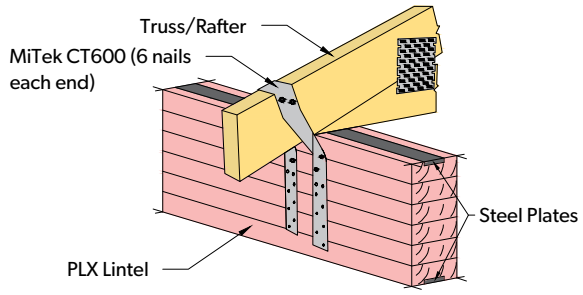
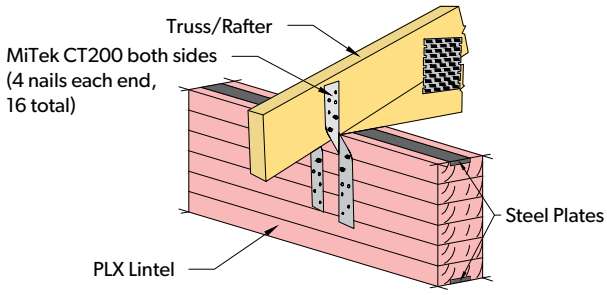
G1. RAFTER/TRUSS CYCLONE STRAP FACE FIXING



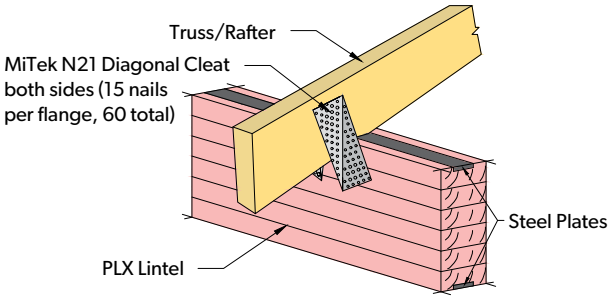
Characteristic Strength (kN)	ULS Capacity (kN)
12.0	9.6

H1. RAFTER/TRUSS CEILING TIE FACE FIXING



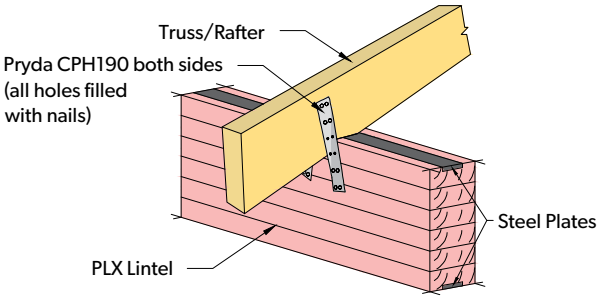
Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
10.5	8.4

I1. RAFTER/TRUSS DIAGONAL CLEAT N21 FACE FIXING



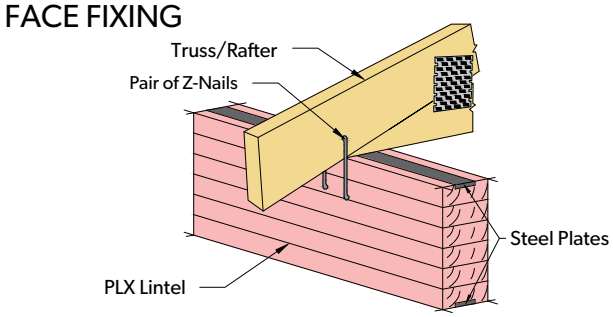
Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
20.0	16.0

J1. RAFTER/TRUSS CEILING & PURLIN HANGER FACE FIXING



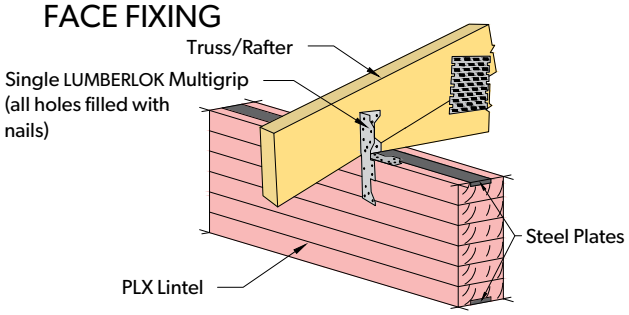
Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
-	5.0

K1. RAFTER/TRUSS Z-NAIL FACE FIXING



Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
3.2	2.5

L1. RAFTER/TRUSS MULTIGRIP FACE FIXING



Characteristic Strength (kN/each)	ULS Capacity (kN/each)
4.0	3.2

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PROLAM PLX LINTELS
RAFTER/TRUSS UPLIFT FIXINGS

Sheet: PLX-2 of 2
Jan 2023

PRODUCER STATEMENT

PLX LINTELS
RAFTER/TRUSS UPLIFT FIXINGS

ISSUED BY: *Tasman Consulting Engineers Limited*

TO: *Prowood Limited*

IN RESPECT OF: *PLX Lintels – Rafter/Truss uplift fixings*

Tasman Consulting Engineers Limited has been engaged by Prowood to review the design of the rafter/truss uplift fixings for PLX Lintels. The fixing details are described on drawings prepared by PROLAM titled ***"Prolam PLX Lintel Rafter/Truss Uplift Fixings",*** *dated January 2023 and numbered PLX-1 and PLX-2*

I believe on reasonable grounds that the design will meet the requirements of clauses B1/VM1 of the Building Code Documents, provided that the construction is in accordance with the drawings and the proprietary products meet their performance specification requirements.

David King
ME(civil), CMEngNZ CPEng (no 145511) IntPE

For Tasman Consulting Engineers
PO Box 3631, Richmond, NELSON 7050

20 January 2023