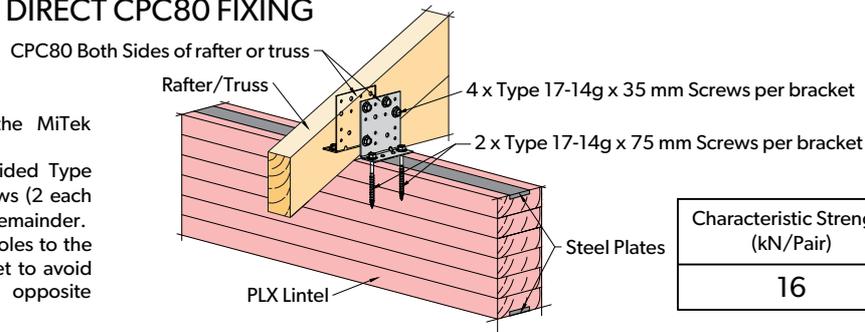


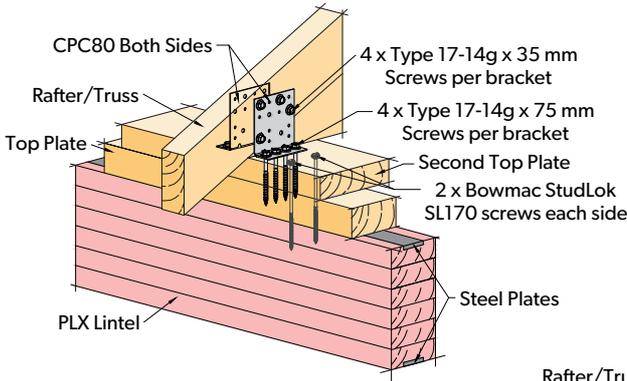
A1. RAFTER/TRUSS DIRECT CPC80 FIXING

- For use only with the MiTek 16KNTPP 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.



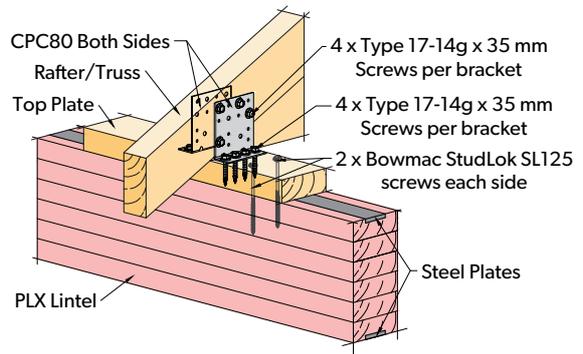
Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
16	11.2

B1. RAFTER/TRUSS CPC80 FIXING WITH DOUBLE TOP PLATES

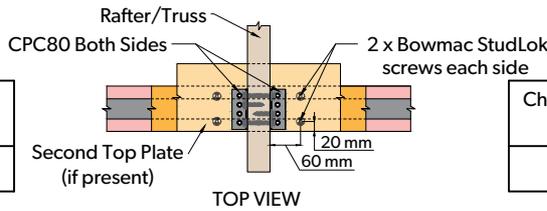


Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
16	11.2

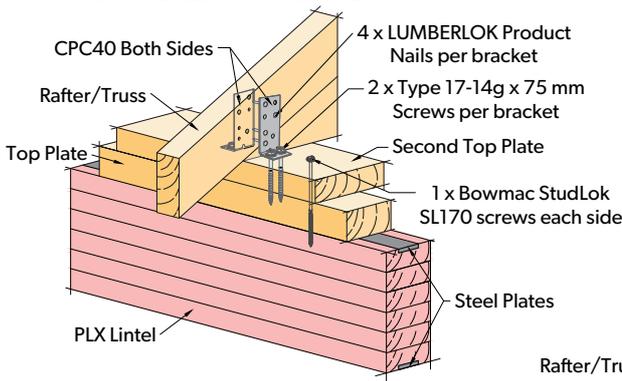
B2. RAFTER/TRUSS CPC80 FIXING WITH SINGLE TOP PLATE



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

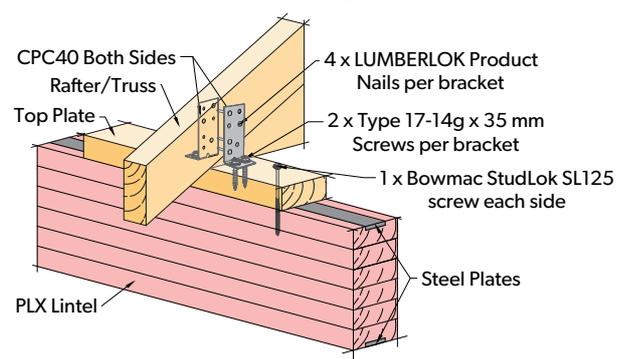


C1. RAFTER/TRUSS CPC40 FIXING WITH DOUBLE TOP PLATES

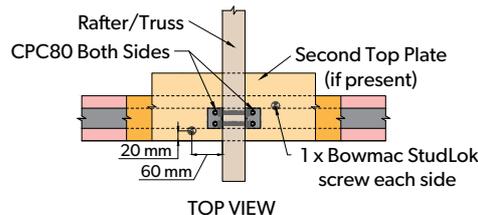


Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
8	5.6

C2. RAFTER/TRUSS CPC40 FIXING WITH SINGLE TOP PLATE



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

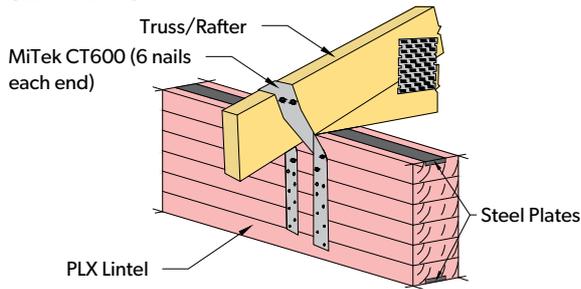


- Accurately position the StudLok screws at 20mm edge distance as shown.
- Take care while drilling to prevent the steel plate from damaging the screw threads.

Prolam Detail
D1005

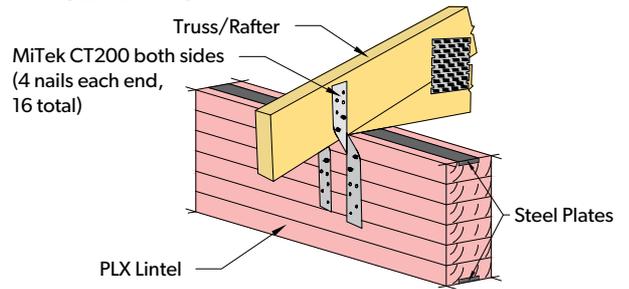
This drawing is copyright to Prolam

G1. RAFTER/TRUSS CYCLONE STRAP FACE FIXING



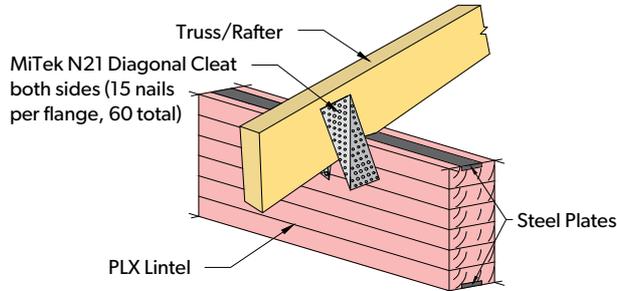
Characteristic Strength (kN)	ULS Capacity (kN)
12.0	9.6

H1. RAFTER/TRUSS CEILING TIE FACE FIXING



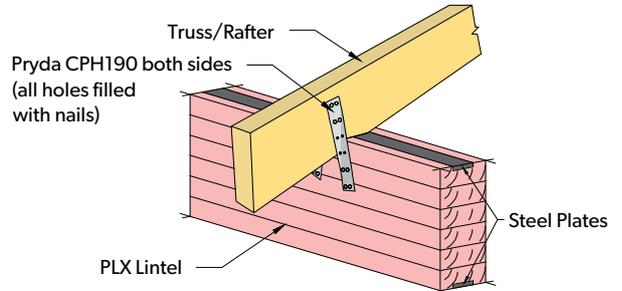
Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
10.5	8.4

I1. RAFTER/TRUSS DIAGONAL CLEAT N21 FACE FIXING



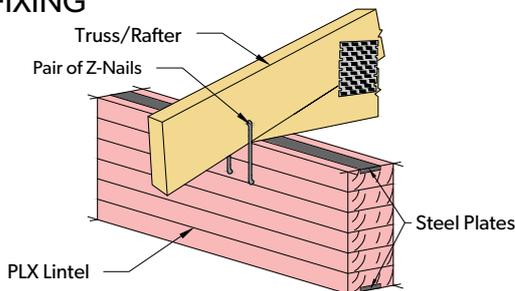
Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
20.0	16.0

J1. RAFTER/TRUSS CEILING & PURLIN HANGER FACE FIXING



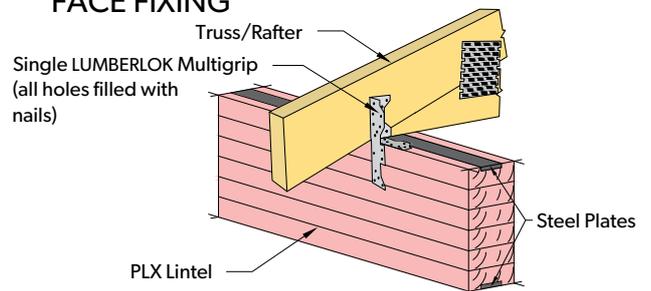
Characteristic Strength (kN/Pair)	ULS Capacity (kN/Pair)
-	5.0

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

Prolam Detail
D1005

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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.

A handwritten signature in blue ink that reads 'David King'.

David King

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

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

20 January 2023