


Alternative fixing for roof purlin and batten connection. BRANZ appraised (No 1249)

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Level of assurance needed to demonstrate NZ Building Code Compliance
Supporting documentation should include self-assessment and technical information by manufacturer



Paslode confirms that this minimum level of assurance has been met or exceeded by the following:
BRANZ Appraisal
[1249\(2023\)](#)

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Technical Statement

Product Description

Alternative fixing for roof purlin and batten connection. BRANZ appraised (No 1249)

Scope of use

BRANZ APPRAISED (No. 1249) ALTERNATE FIXING FOR ROOF PURLIN AND BATTEN CONNECTIONS TYPE T AS PER NZS 3604 TABLES 2.2, 10.10, A10.10, 10.12, A10.12, 15.9 AND A15.9. THREE PASLODE PURLIN NAILS REPLACE 1/10G SELF DRILLING TYPE 17 SCREW, 80MM LONG IF INSTALLED ACCORDING TO DIRECTION

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.1, B1.3.2, B1.3.3, B1.3.3(a), B1.3.3(b), B1.3.3(f), B1.3.3(g), B1.3.3(h)
- **Clause B2 Durability:** Performance B2.3.1, B2.3.1(a)
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Notes

BRANZ APPRAISED (No. 1249) ALTERNATE FIXING FOR ROOF PURLIN AND BATTEN CONNECTIONS TYPE T AS PER NZS 3604 TABLES 2.2, 10.10, A10.10, 10.12, A10.12, 15.9 AND A15.9. THREE PASLODE PURLIN NAILS REPLACE 1/10G SELF DRILLING TYPE 17 SCREW, 80MM LONG IF INSTALLED ACCORDING TO DIRECTION.

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



Product Criteria

Design requirements

The Paslode Purlin Nails are used as an alternative fixing method for purlins to rafters or to the top chord of trusses. The Joint is formed by installing three Paslode Purlin Nails through the purlin into the rafter or truss at each intersecting connection. This joint meets the 2.4 kN alternative fixing capacity requirement of NZS 3604 Table 2.2, fixing type T. Installed nails must be spaced over the contact area of purlin and rafter to avoid any potential splitting. Where a proprietary system manufacturer specifies standard nails, permission must be obtained from them before Paslode nails are substituted.

Installation requirements

Paslode Purlin Nails are installed with the aid of Paslode nailing guns and can be done so by any competent person.

Maintenance requirements

Paslode Purlin Nails need little or no maintenance in themselves. Claddings over these connections are required to ensure the required design life, then these must be maintained as per the relevant manufacturers instructions.

Paslode Impulse Purlin Nails

Product Technical Statement: 112946



Date last validated: **25 September 2023**



Date last updated: **25 September 2023**

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