

BUILDING PRODUCT INFORMATION SHEET

CLASS 1 – November 2025

Product Name: RedLine Plus Poplar Core Pre-Finished Plywood

Product Description and Intended Use:

RedLine Plus Poplar Core Pre-Finished Plywood is decorative plywood panel for use on walls, ceilings in internal dry applications (not exposed to weather) for residential or commercial buildings.

RedLine Plus poplar core pre-finished plywood panels can be specified in thicknesses 9mm or 12mm panels and panel sizes of 2400 or 2700 x 1200mm. As standard all plywood panels are supplied as untreated, which is suitable only for internal linings application or general use where untreated plywood is appropriate.

RedLine Plus poplar core pre-finished is BB face veneer graded plywood panel product with a front and rear B face grade that is smooth sanded and finished with a factory applied polymer coating that is cured with ultra-violet light.

RedLine Plus poplar core pre-finished is primarily for use as an untreated (as defined in NZS3602:2003 Timber and Wood-Based Products for Use in Building) wall or ceiling lining product where structural plywood and a high-quality appearance finish is not required.

RedLine Plus poplar core pre-finished plywood as an internal sheet lining has had bracing ratings determined in accordance with BRANZ P21 testing at Scion, and as an alternative solution can be utilized as a wall bracing element for bracing applications in accordance with NZS3604:2011 Timber Framed Buildings in an internal (dry conditions) wall applications only.

Product Identifier:

As a decorative product, and there are no visible markings on the plywood sheets, as the plywood has been designed for use as a decorative lining.

Packs are labelled accordingly and will note the product details and applicable identification information.

Place of Manufacture: Overseas

Legal and Trading Name of Manufacturer Importer: bbi Wood Products Ltd

New Zealand Business Number (NZBN): 9429033930442

Address for Service:

27 Poporo Way, Longlands,
Hastings,
New Zealand

Website: www.bbi.net.nz

Email Address: sales@bbi.net.nz

Phone Number: 0800 224 759

Relevant New Zealand Building Code Clauses:

- Clause B1 Structure: Performance: B1.3.1, B1.3.2, B1.3.3(a,b,c,f,h,j,q), B1.3.4(d)
- Clause B2 Durability Performance: B2.3.1(c), B2.3.2
- Clause F2 Hazardous Building Materials Performance: F2.3.1

Statement on how the building product is expected to contribute to compliance:

RedLine Plus Poplar Core Pre-Finished plywood may be used as a wood based untreated wall or ceiling lining in internal dry (not exposed to weather) applications only. RedLine Poplar Core plywood has been manufactured as an alternative solution with Standard EN13986:2004+A1:2015 to assist in meeting the following provisions of the New Zealand Building Code:

Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.3, B1.3.4 when used to the requirements of NZS3604:

RedLine Poplar Core plywood is made as an alternative solution plywood panel to NZS3604 in a factory that is certified by an independent certification organization APPLUS as having verification of constancy of performance for products made in accordance with EN13986:2004 + A1:2015 Wood-based Panels for Use in Construction.

Clause B2 Durability: Performance B2.3.1, B2.3.2 when used to the requirements of NZS 3602:

RedLine Plus pre-finished plywood is manufactured to adhere with the requirements of the NZBC Clause B2 Durability. When the product is specified and used in accordance with good design and building practices, it will form part of the Acceptable Solution complying with the requirements of the NZBC (B2/AS1).

Clause F2 Hazardous Building Materials: Performance F2.3.1:

RedLine Plus pre-finished plywood meets the requirements and will not present a hazard to people.

Durability of RedLine Plus poplar pre-finished plywood should be detailed and specified by the suitably qualified design professionals and engineers to meet the requirements for a timber-based wood veneer product with the NZBC Durability Clause B2 (B2 Durability).

RedLine Plus poplar core pre-finished plywood will continue to contribute to the relevant performance requirements of the New Zealand Building Code for 5 years as an internal lining (or other statutory time frames such as 50 or 15 years as specified by the designer or specifier of the project) provided that the specific design parameters of the project are met and satisfied accordingly.

Limitations on the use of the building product:

- RedLine cannot be utilised as a structural ceiling diaphragm in accordance with NZS3604:2011.
- To be installed only in internal dry situations as defined in NZS3602:2003 Timber and Wood-Based Products for Use in Building.
- RedLine Plus Poplar Core Pre-Finished is not recommended for use with a structural membrane or interior damp applications such as bathrooms, kitchens or laundries.
- The use of untreated plywood panels in internal damp applications is subject to specific design and design consideration with E3 internal moisture of the New Zealand Building Code clause.
- With a pre-finished coating, RedLine Plus is not designed for additional coating systems to be applied to the finished product. Specifiers would need to check compatibility, desired aesthetics and suitability of products if considering an additional coating.

Design requirements that would support the appropriate use of the building product:

RedLine Poplar pre-finished plywood must be used and installed where untreated plywood linings are appropriate as a wall or ceiling lining in accordance with NZS3602:2003.

Installation requirements:

RedLine Plus poplar core pre-finished plywood must be installed with good building practice, robust construction methodology and sound design principles when specified by the engineer, a suitably qualified design professional or the specifier of the project.

RedLine Plus poplar core pre-finished plywood used as an internal non-bracing lining can be installed in accordance with the Installation Guide for BlondeLine and RedLine Plywood subject to suitability and appropriate specification for the application of plywood or as detailed and specified by a suitability qualified design professional where applicable.

Should RedLine Plus poplar core pre-finished plywood, as an alternative solution be utilised as part of a wall bracing solution for timber framed buildings in accordance with NZS3604:2011, please refer to the PlyBrace Specification and Installation Manual for further installation requirements and specification guidance.

Maintenance requirements:

RedLine Plus poplar core pre-finished plywood does not typically require maintenance. Where there are circumstances where other products, or coatings are applied, maintenance will be in accordance with the proprietary systems manufacturer's specifications and requirements.

Should the plywood panel be damaged during its serviceable life, it would be recommended to replace the panel to ensure the aesthetic requirements are met, along with long-term appearances and panel integrity.

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

Yes No

Date: 24 November 2025