

CLASS 1

Building Product Information Sheet

Product name:

Pine Products NZ Radiata H1.2 Structural SG8 DAR

Product description and its intended use:

Pine Products NZ Radiata H1.2 Structural SG8 DAR

Intended use: Structural

Available Sizes: 100 x 50mm x random, 150 x 50mm x random, 75 x 50mm x random

Product Identifiers in order above: SG8H1DAR10050, SG8H1DAR15050, SG8H1DAR7550

Species RADIATA PINE
Grade SG8
Treatment H1.2

Features

Place of manufacture: Aotearoa New Zealand

Legal and trading name of the manufacturer(s):

Pine Products Limited

Address for service:

692 Halswell Junction Road, Hornby South
Christchurch, New Zealand 8042

Website: www.pineproducts.co.nz

Email: sales@pineproducts.co.nz

Phone: 11 349 9328 ext 730

NZBN: 9429038987663

Relevant Building Code clauses:

B1 Structure - By testing and comparison with Acceptable Solution B1/AS1 and verification methods (VM) as specified in NZS3622.2004 Verification of timber properties. **B2 Durability - By testing and comparison with Acceptable Solution B2/AS1 and verification methods (VM) as specified in AS/NZS1604.2021 Preservative treated wood-based products.**

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

B1 Structure - the products shall meet the requirements of Clause B1 of the Building Regulations 1992, Schedule 1 the Building Code in particular clauses B1.1, B1.2, B1.3.1, B1.3.2, B1.3.3 and B1.3.4. **B1.1 - safeguarding people from injury and loss of amenity and protection of other property **B1.2 - functional requirements of buildings throughout their lives **B1.3.1 - low probability when used in a building in accordance with NZS3604.2011 Timber framed buildings or NZS/AS1720 Part 1.2022 Timber structures of rupturing, becoming unstable, losing equilibrium or collapsing throughout their lives.**B1.3.2 - low probability when used in accordance with NZS3604.2011 Timber framed buildings or NZS/AS1720 Part 1.2022 Timber structures of causing loss of amenity through undue deformation, vibratory response, degradation or other physical characteristics throughout their lives when the building is in use **B1.3.3 - when used in accordance with NZS3604.2011 Timber framed buildings or NZS/AS1720 Part 1.2022 Timber structures, account is taken of all the physical conditions that are likely to affect the stability of the building element or building.**B1.3.4 - when used in accordance with NZS3604.2011 Timber framed buildings or NZS/AS1720 Part 1.2022 Timber structures, allowance is made for: **i consequences of failure **ii intended use of the building **iii variation in the properties of materials and site characteristics **iv accuracy limitations inherent in methods used to predict the stability of buildings.**B2 Durability – structural timber shall meet the requirements of Clause B2 of the Building Regulations 1992, Schedule 1 of the Building Code, specifically to the building elements having, with normal maintenance, to continue to satisfy the performance requirements of the Building Code. In particular clauses:**B2.3.1(a) - the life of the building, being not less than 50 years.**B2.3.1(b) - 15 years in some circumstances where building elements are moderately difficult to access or replace.**B2.3.1(c) - 5 years in some circumstances where elements are easy to access and replace.**For greater detail refer to Clause B2.3.1 of the Building Regulations 1992.**When preservative treated to the specifications set out in AS/NZS1604.2021 Preservative treated wood-based products structural timber of NZ Radiata pine will comply with B2 Durability requirements

Limitations on the use of the building product:

1 Structural timber treated to H1.2 should not be used where it will be exposed to the outdoor environment.**2 Structural timber should not be used where it will be subject to loadings that are above design limits as specified in NZS3604.2011 Timber framed buildings or NZS/AS1720 Part 1.2022 Timber structures.**

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

When used in construction, particularly work deemed to be Restricted Building Work (RBW) as defined in the Building (Definition of Restricted Building Work) Order 2011 it's use should be in accordance with the specifications set out in NZS3604.2011 Timber framed buildings or NZS/AS1720 Part 1.2022 Timber structures.

Installation requirements:

When used in Restricted Building Work as defined in the Building (Definition of Restricted Building Work) Order 2011 Structural timber must be installed by a Licensed Building Practitioner with appropriate certification.

Maintenance requirements:

Ensure that structural timber, particularly timber treated to H1.2, is not exposed to continuous wetting or subject to high levels of moisture especially when used in applications that are hidden from clear view or are not readily accessible for regular inspection.

Is the building product/building product line subject to warning or ban under section 26?:

No

If yes, description of the warning or ban under section 26:

N/A

Date: 4/11/2023