Stoneyhurst Timbers LTD

Building Product Information Sheet

This sheet is produced in compliance with the requirements of the *Building (Building Product Information Requirements) Regulations 2022*. Under Schedule 1 of those regulations certain information must be disclosed about designated building products (in this case **construction poles of Radiata pine**) to provide building product users with data about how building products contribute to compliance with the Building Code.

Product: Preservative treated wooden construction poles of Radiata pine

Preservative treated wooden construction poles of Radiata pine are graded for physical properties and preservative treated for durability.

Grading - poles must be graded in accordance with NZS3605 Timber piles and poles used in building. Clause 5 of this standard sets out the requirements for construction poles and piles in terms of:

1 Physical properties: - Construction poles and piles are limited to those characteristic stresses that are given in NZS/AS1720 Part 1.2022.

2 Form: - Construction poles and piles shall comply with 5.2 of NZS3605 relating to limits on sweep and crook.

3 Preservative treatment: - All preservative treated wooden construction poles and piles of Radiata pine must be treated to at least Hazard class H5 as described and specified in AS/NZS1604.2021 Preservative treated wood-based products. H6 treated poles are necessary where the poles are to be used in a marine environment such as in wharf and jetty piles in salt water and for walkway or bridge pilings across estuarine ground.

4 Dimensions: 5.3 of NZS3605 states that the length and diameter of construction poles and piles shall be as specified by the designer as part of a specific engineering design.

Place of Manufacture: New Zealand

Legal trading name of Manufacturer/Producer:

Physical Address for Service:

Website:	
Email address:	
Phone number:	Mobile number:
NZBN:	

Relevant Building Code clauses: B1 Structure - By testing and comparison with Acceptable Solution B1/AS1 and verification methods (VM) as specified in NZS3605 Timber piles and poles used in building 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 preservative treated wooden construction poles of Radiata pine are 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 - the products shall meet the requirements of Clause B2 of the Building Regulations 1992, Schedule 1 of the Building Code, in particular clause B2.3.1(a) - the life of the building, being not less than 50 years.

For greater detail refer to clause B2.3.1 of the Building Regulations 1992.

The durability of preservative treated wooden construction poles of Radiata pine is verified by processes and methods stated in AS/NZS1604.2021 Preservative treated wood-based products.

Limitations on the use of preservative treated wooden construction poles of Radiata pine:

Where treated to H5 of AS/NZS1604.2021 Preservative treated wood-based products these products should not be used in structures that will be exposed to the marine environment such as in wharf and jetty piles in salt water and for walkway or bridge pilings across estuarine ground. In such cases the required hazard class is H6.

Design requirements that would support the use of preservative treated wooden construction poles of Radiata pine:

These products are an integral component of timber framed flooring systems constructed in accordance with the specifications set out in NZS3604.2011 Timber framed buildings or NZS/AS1720 Part 1.2022 Timber structures. Where used in ground retaining applications the design requirements are as set out in NZS/AS1720 Part 1.2022 Timber structures.

Maintenance requirements:

Installation requirements:

Preservative treated wooden construction poles of Radiata pine must be installed by a Licensed Building Practitioner certified for foundations.

Preservative treated wooden construction poles of Radiata pine are not subject to a warning or ban in terms of S26 of the *Building Act 2004*.

Date: