



0382 Light Timber Framing

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00 Design Principles

0.01 Main considerations

It is a requirement to undertake the [00 PLANNING AND DESIGN/0001R - DESIGN REFERENCE](#) and [GLOSSARY OF TERMS](#) information into all aspects of design, detailing and delivery when developing the content here within. Clear demonstration of adherence to these requirements is part of the services and will be called upon at key points in the project and during at the discretion of the Department of Education (DoE).

Specification

GUIDE NOTE: Refer to [01 GENERAL/0185 TIMBER PRODUCTS, FINISHES & TREATMENT](#) and [01 GENERAL/0184 TERMITE MANAGEMENT](#)

01 General

As per current NATSPEC except as follows:

1.6 Submissions

Materials

Timber to be Certified: All timbers

Certification to include: Species (all timbers)

Inspection Authority: Forests of NSW, Department of primary Industries

02 Product

As per current NATSPEC except as follows:

Timber

GUIDE NOTE: Refer to [01 GENERAL/0184 TERMITE MANAGEMENT](#) for termite resistance, preservative treatments and the use of Australian indigenous species.

Structural timber grading standards

Weather exposed timbers: Timber members that are not protected from weather exposure and associated moisture ingress to be durability class 1 hardwood to AS 1720.2, unless the exposure is of a temporary or short-term nature. Protection does not include surface coatings

03 Execution

As per current NATSPEC except as follows:

3.1 Floor Framing

Generally, one of the following alternative termite resistant timber species or preservative treatments against termite attack is to be used for floor framing.

- Naturally termite resistant timbers to 3660.1 Appendix C
- Preservative treated timber to the applicable hazard class to AS1604.1.

3.2 Wall Framing

Generally, one of the following alternative termite resistant timber species or preservative treatments against termite attack is to be used for wall framing.

- Naturally termite resistant timbers to 3660.1 Appendix C
- Preservative treated timber to the applicable hazard class to AS1604.1.

3.4 Roof and Ceiling Framing

Generally, one of the following alternative termite resistant timber species or preservative treatments against termite attack is to be used for roof and ceiling framing.

- Naturally termite resistant timbers to 3660.1 Appendix C
- Preservative treated timber to the applicable hazard class to AS1604.1.

Beam Framing

Visible sawn timbers: Sawn surface (fine)

04 Selections

As per current NATSPEC.