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### Location details

Brisbane City

#### Above-ground:

D

#### In-ground:

C

### Building member details

Boards (non-structural)

#### Environment:

Protected

#### Target design life (years):

15

## Properties for [beech, European]

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|                                |                        |
|--------------------------------|------------------------|
| <b>Standard trade name</b>     | <b>beech, European</b> |
| <b>Botanical name</b>          | <i>Fagus sylvatica</i> |
| <b>Synonyms</b>                | NA                     |
| <b>Origin</b>                  | Europe                 |
| <b>Schedule</b>                | Schedule C             |
| <b>Hardwood</b>                | Yes                    |
| <b>Density (kg/m3)</b>         | 670                    |
| <b>Durability above-ground</b> | (4)                    |
| <b>Durability in-ground</b>    | (4)                    |
| <b>Hardness</b>                | F                      |
| <b>Joint dry (JD)</b>          | JD3                    |
| <b>Joint green (JG)</b>        |                        |
| <b>Strength dry (SD)</b>       | (SD4)                  |
| <b>Strength green (SG)</b>     | (S4)                   |
| <b>Bushfire resisting</b>      | No                     |
| <b>Lyctine susceptibility</b>  | (SL)                   |

|                            |                        |
|----------------------------|------------------------|
| <b>Standard trade name</b> | <b>beech, European</b> |
| <b>Termite resistance</b>  | NR                     |
| <b>Advisory codes</b>      |                        |

## Target design life, hazard zones and conditions for use

|                                |                               |
|--------------------------------|-------------------------------|
| <b>Botanical name</b>          | <b><i>Fagus sylvatica</i></b> |
| <b>5 years above-ground</b>    | Approved                      |
| <b>15 years protected</b>      | Approved                      |
| <b>15 years Above-ground:A</b> | Approved                      |
| <b>15 years Above-ground:B</b> | Approved                      |
| <b>15 years Above-ground:C</b> | Approved                      |
| <b>15 years Above-ground:D</b> | Approved                      |
| <b>15 years In-ground:A</b>    | C5                            |
| <b>15 years In-ground:B</b>    | C5                            |
| <b>15 years In-ground:C</b>    | C5                            |
| <b>15 years In-ground:D</b>    | C6                            |

|                                |                               |
|--------------------------------|-------------------------------|
| <b>Botanical name</b>          | <b><i>Fagus sylvatica</i></b> |
| <b>50 years protected</b>      | Approved                      |
| <b>50 years Above-ground:A</b> | Approved                      |
| <b>50 years Above-ground:B</b> | Not approved                  |
| <b>50 years Above-ground:C</b> | Not approved                  |
| <b>50 years Above-ground:D</b> | Not approved                  |
| <b>50 years In-ground:A</b>    | H5!                           |
| <b>50 years In-ground:B</b>    | Not approved                  |
| <b>50 years In-ground:C</b>    | Not approved                  |
| <b>50 years In-ground:D</b>    | Not approved                  |

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