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### Location details

Brisbane City

#### Above-ground:

D

#### In-ground:

C

### Building member details

Battens (*Under lining or cladding*)

#### Environment:

Protected

#### Target design life (years):

50

## Properties for [fir, Douglas (New Zealand)]

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Standard trade name	<b>fir, Douglas (New Zealand)</b>
<b>Botanical name</b>	<i>Pseudotsuga menziesii</i>
<b>Synonyms</b>	NA
<b>Origin</b>	New Zealand
<b>Schedule</b>	Schedule C
<b>Hardwood</b>	No
<b>Density (kg/m3)</b>	480
<b>Durability above-ground</b>	(4)
<b>Durability in-ground</b>	(4)
<b>Hardness</b>	VS
<b>Joint dry (JD)</b>	JD4
<b>Joint green (JG)</b>	J5
<b>Strength dry (SD)</b>	(SD6)
<b>Strength green (SG)</b>	(S5)
<b>Bushfire resisting</b>	No

<b>Standard trade name</b>	<b>fir, Douglas (New Zealand)</b>
<b>Lyctine susceptibility</b>	NS
<b>Termite resistance</b>	NR
<b>Advisory codes</b>	

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

<b>Botanical name</b>	<b><i>Pseudotsuga menziesii</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>	H3!
<b>15 years In-ground:A</b>	H4!
<b>15 years In-ground:B</b>	H4!
<b>15 years In-ground:C</b>	H4!
<b>15 years In-ground:D</b>	H4!

<b>Botanical name</b>	<b><i>Pseudotsuga menziesii</i></b>
<b>50 years protected</b>	Approved
<b>50 years Above-ground:A</b>	H3!
<b>50 years Above-ground:B</b>	H3!
<b>50 years Above-ground:C</b>	H3!
<b>50 years Above-ground:D</b>	H3!
<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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