

# Structural timbers for Mullum Creek

15 November 2017

Timber products in green boxes below meet the MCDG Requirement R30

Timber products in red boxes below do NOT meet the MCDG Requirement R30

Species	Brand Name	Country of wood origin	Note
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Simple sawn wood			
Radiata Pine	<ul style="list-style-type: none"> <li>Carter Holt Harvey (CHH) Laserframe</li> <li>Timberlink</li> <li>AKD Softwood</li> <li>RedStag Timber</li> </ul>	Australia New Zealand	A
Kiln Dried Hardwood	<ul style="list-style-type: none"> <li>Australian Sustainable Hardwoods (ASH)</li> <li>Neville Smith Timber (NST)</li> </ul>	Australia (VIC or NSW)	B
Baltic Red or White Pine	<ul style="list-style-type: none"> <li>Stora Enso</li> <li>Ilim,</li> </ul>	Scandinavia, Russia or Northeast Europe (Baltic States)	C
Oregon	<ul style="list-style-type: none"> <li>RedStag Timber</li> </ul>	New Zealand	A

Laminated Veneer Lumber (LVL)			
Radiata Pine	<ul style="list-style-type: none"> <li>Carter Holt Harvey (CHH) hySPAN</li> </ul>	New Zealand	A
Maritime Pine	<ul style="list-style-type: none"> <li>Hyne</li> </ul>	Australia (WA)	
Maritime Pine	<ul style="list-style-type: none"> <li>Wesbeam</li> </ul>	Australia (WA)	
Radiata Pine	<ul style="list-style-type: none"> <li>Carter Holt Harvey (CHH) hyJOIST</li> </ul>	New Zealand	
Oregon	<ul style="list-style-type: none"> <li>Smart LVL</li> <li>Smart I-Joist</li> <li>Murphy Company</li> </ul>	USA Canada	C

Laminated Strand Lumber (LSL)			
Oregon	<ul style="list-style-type: none"> <li>ITI LP SolidStart</li> </ul>	USA, Canada, Chile or Brazil	

Glue Laminated beams and posts			
Radiata Pine		Australia	A
Cypress Pine	<ul style="list-style-type: none"> <li>Durabeam GL10</li> </ul>	Australia (NSW)	F
Hardwood	<ul style="list-style-type: none"> <li>SmartLam GL18,</li> </ul>	Australia (VIC or NSW)	B
Baltic Red Pine	<ul style="list-style-type: none"> <li>Pölkky</li> </ul>	Finland	
Merbau		Indonesia	D

Plywood			
Radiata Pine >7mm thick	<ul style="list-style-type: none"> <li>Carter Holt Harvey (CHH) ECOPLY</li> </ul>	Australia New Zealand	A
Hardwood (spp.) < 7mm thick	<ul style="list-style-type: none"> <li>Gunnensen</li> </ul>	Indonesia	

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Oriented Strand Board (OSB)			
Oregon	• LP SolidStart	USA, Canada	E
Baltic Pine	• Egger OSBrace	Romania	C

## Note Legend

- A ... All wood from fast growing purposeful plantations in temperate climate.
- B ... All wood from state owned old growth or regrowth forest (difficult to establish exact source).
- C ... Much wood from vulnerable cold climate old and slow regrowth forest.  
(difficult to establish exact source)
- D ... Most wood from vulnerable hot climate old growth and regrowth forest.  
(difficult to establish exact source)
- E ... Much from cold climate regrowth and plantation forest (difficult to establish exact source).
- F ... From state or privately owned old growth or regrowth forest.

## Email sent to Mullum Creek builders and designers on 3 November 2017:

By the time the DRC issues its Step 3 final design approval for a new home at Mullum Creek, construction documentation has been checked for inclusion of notes (on drawings, schedules and in written specifications) that clearly describe and confirm the source of structural timbers to be ordered for the project. However on odd occasions, structural timber products other than those specified in this documentation are finding their way onto construction sites. These substituted timbers then run the risk of having to be removed from site because they are not sustainably sourced to the standards of environmental and social responsibility that underlie Requirement R30 of the Mullum Creek Design Guidelines.

In some cases the order submitted by the builder to the timber supplier is all good, but the supplier is unaware that substitution of product will cause grief at Mullum Creek. Please stress to your suppliers that timber, substituted by species or origin (sawmill/manufacturer/brand), must not be delivered to Mullum Creek unless pre-approved in writing by the DRC on a case-by-case basis.

To help builders and suppliers further in this regard, we have prepared a simple table of common structural timber products that **DO** satisfy the Requirement R30 (**listed in green cells**) and those that **DON'T** (**listed in red cells**). We hope this table helps to make things easy.

Please also emphatically require your truss manufacturers to fabricate floor and roof trusses using only timbers listed in the green cells, or to seek written approval from the DRC before using other product.

That said, we also want to express how heartened we are by the way builders currently engaged at Mullum Creek are overwhelmingly doing the right thing in sourcing environmentally responsible materials for their work on the estate.