

Structural timbers for Mullum Creek

February 2019

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"> AKD Softwood Carter Holt Harvey (CHH) Laserframe Dongwha Timbers Hyne Timber OneFortyOne Wood Products RedStag Timber Timberlink Wespine Whitehead Timber Sales (WTS) 	Australia New Zealand	A
Kiln Dried Hardwood	<ul style="list-style-type: none"> Australian Sustainable Hardwoods (ASH) McCormack Hardwood Sales Neville Smith Timber (NST) 	Australia (VIC or NSW)	B
Baltic Red Pine Baltic White Pine Spruce	<ul style="list-style-type: none"> Gaujas Kocs (GK) Ilim Setra Stora Enso VIDA Wood Ziegler Group 	Scandinavia Russia Baltic States of Europe	C
Oregon	<ul style="list-style-type: none"> RedStag Timber 	New Zealand	A

Laminated veneer lumber (LVL)			
Radiata Pine	<ul style="list-style-type: none"> Carter Holt Harvey (CHH) hySPAN 	New Zealand	A
Maritime Pine	<ul style="list-style-type: none"> Hyne 	Australia (WA)	
Maritime Pine Radiata Pine Karri	<ul style="list-style-type: none"> Wesbeam 	Australia (WA)	
Radiata Pine	<ul style="list-style-type: none"> Carter Holt Harvey (CHH) hyJOIST 	New Zealand	
Oregon	<ul style="list-style-type: none"> ITI LP Solidstart LVL Murphy Company Roseburg RigidLam LVL Tilling Smart LVL Tilling Smart I-Joist 	USA Canada	E
	<ul style="list-style-type: none"> Dindas LVL 	Dindas can't confirm	
Larch / Baltic Pine	<ul style="list-style-type: none"> ITI Spec Beam UltraLam 	Siberia / Russia	C

Laminated strand lumber (LSL)			
Oregon	<ul style="list-style-type: none"> ITI LP SolidStart LSL 	USA or Canada	E

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

Glue laminated beams and posts			
Radiata Pine	<ul style="list-style-type: none"> Hyne LGL and Hyne Beam 17 	Australia	A
Cypress Pine	<ul style="list-style-type: none"> Durabeam GL10 	Australia (NSW)	F
Hardwood Baltic Red Pine	<ul style="list-style-type: none"> Australian Sustainable Hardwoods (ASH MASSLAM) Hyne Beam 18 and Hyne Beam 21 SmartLam GL18 Pölkky 	Australia (VIC or NSW) Finland	B E
Merbau		Indonesia	D

Oriented strand board (OSB)			
Oregon	<ul style="list-style-type: none"> LP SolidStart OSB 	USA, Canada	E
Baltic Pine	<ul style="list-style-type: none"> 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.

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 need 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.