

3D Wall Planks Technical Data Sheet

A dimensional solid timber plank system for decorative interior walls

featurecraft.com



Product Details

Product Type	3D Wall Planks	
Description	CNC Machined Solid Timber Wall Planks	
Joints	Plank	Tongue & Groove
	Strip	Butt Joint
Pre-finished or Unfinished	Pre-finished	
Finishes	Natural (Sealed with clear-coat flat varnish)	
	Custom (Various stains and washes are available on request)	
Sizes available (W x H)	Plank	100 x 2400, 2700, 3000mm
	Strip	Various x 2400, 2700, 3000mm
Backing	No Backing	
Density	American Oak	750 kg/m ²
	American Ash	650 kg/m ²

Application and Installation

Applications	Interior Walls
Installation Methods	Direct Fix
	Enquire for Installation Instructions

Environmental

Formaldehyde	Natural Emissions
Sustainability Options	On enquiry

Warranty

Product Warranty	5 Years Commercial
	10 Years Residential

Ratings

NZ Fire Rating	Group 3. Group 1-s achieved with factory applied intumescent
AU Fire Rating	Group 3
	Enquire to view full fire test results

Species Options



American Oak American Ash

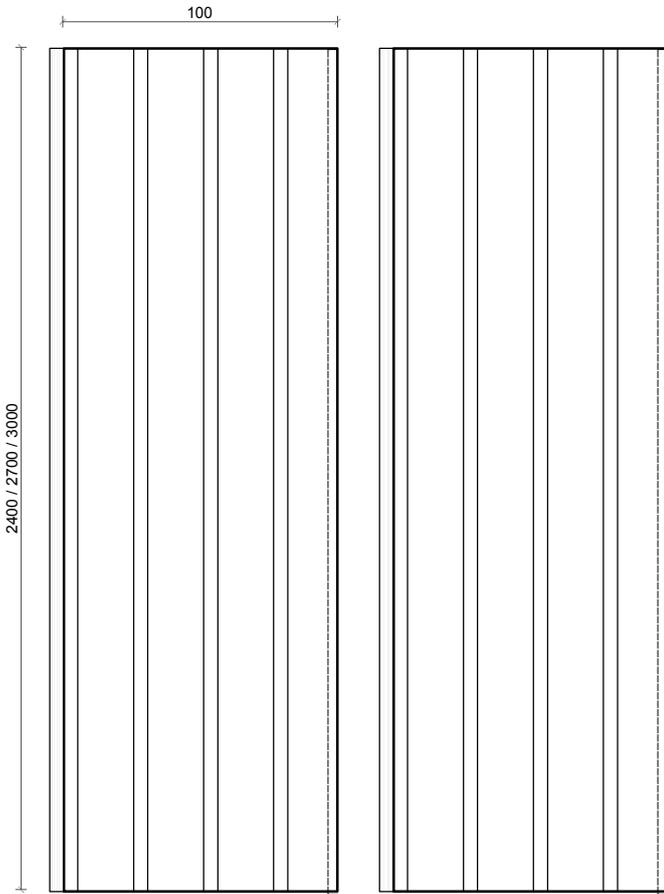
Profiles and Weight

Profile	Name	Species	Weight/m ²
	5x20mm Bevel	American Oak	0.11167kg
		American Ash	0.09678kg
	5x15mm Bullnose	American Oak	0.12375kg
		American Ash	0.10725kg
	2x18mm Flute	American Oak	0.138675kg
		American Ash	0.12018kg
	5x5mm Square	American Oak	0.12975kg
		American Ash	0.11245kg
	Random Square	American Oak	0.11865kg
		American Ash	0.10283kg

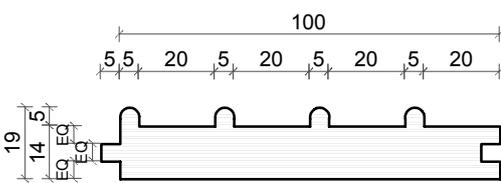
See [page 2-10](#) for profile diagrams

See [page 11-12](#) for full profile weight breakdown

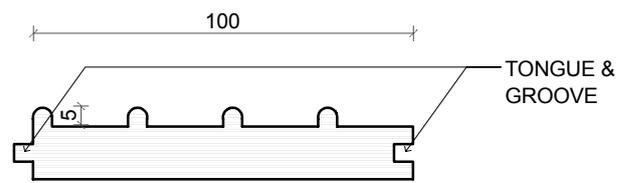
Dimensions



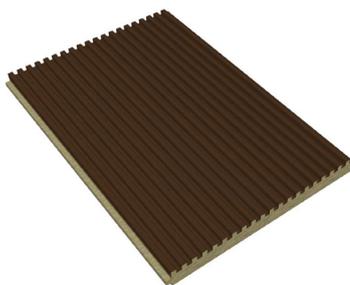
Front Elevation



Tongue & Groove Connection



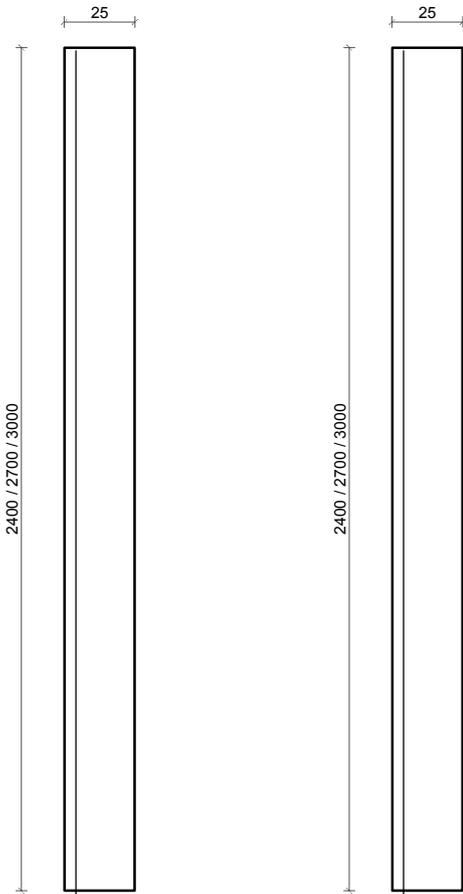
Assembled View



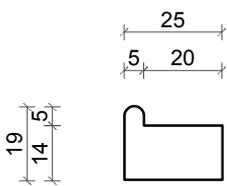
Exploded View



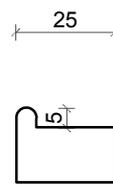
Dimensions



Front Elevation



Butt Joint Connection



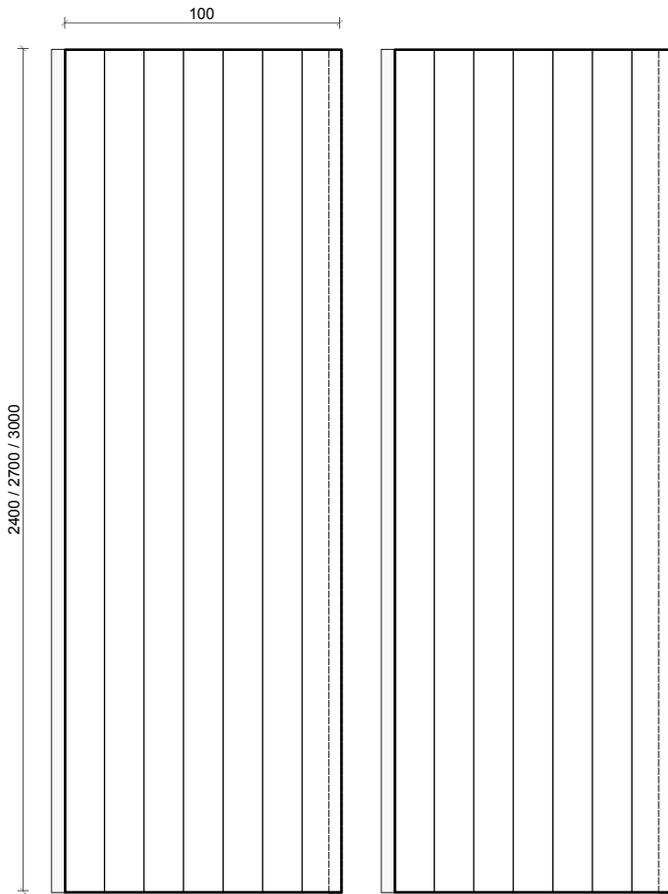
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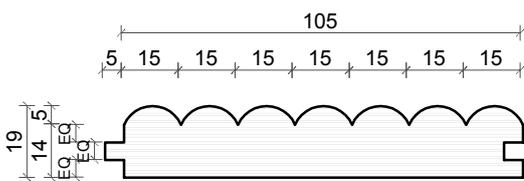
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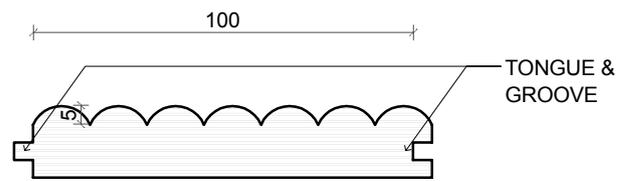
Dimensions



Front Elevation



Tongue & Groove Connection



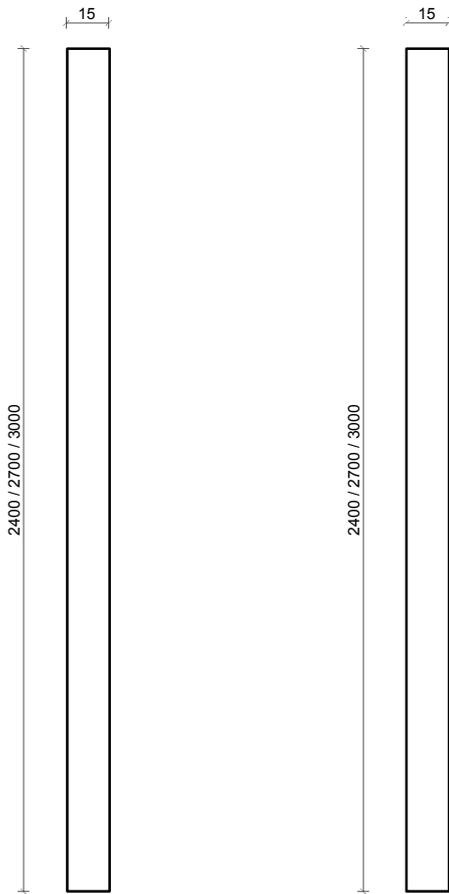
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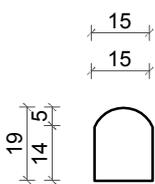
Exploded View



Dimensions



Front Elevation



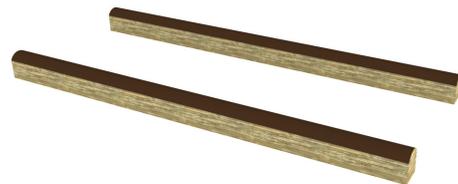
Butt Joint Connection



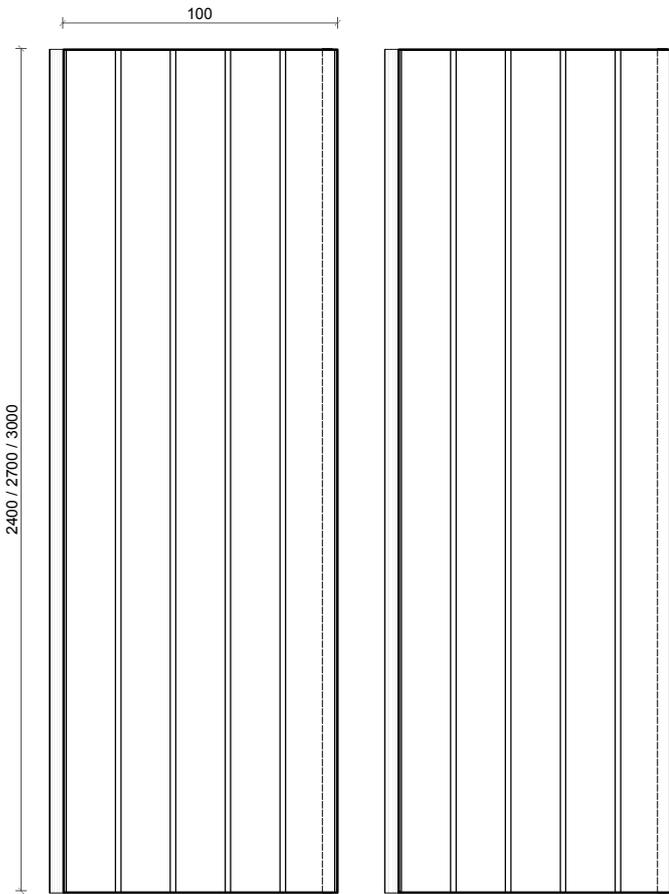
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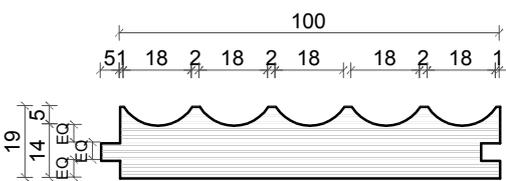
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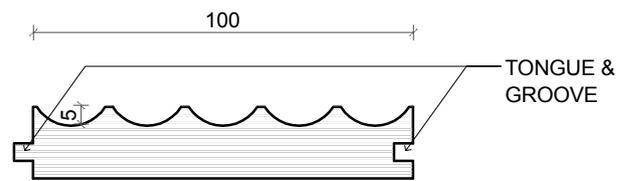
Dimensions



Front Elevation



Tongue & Groove Connection



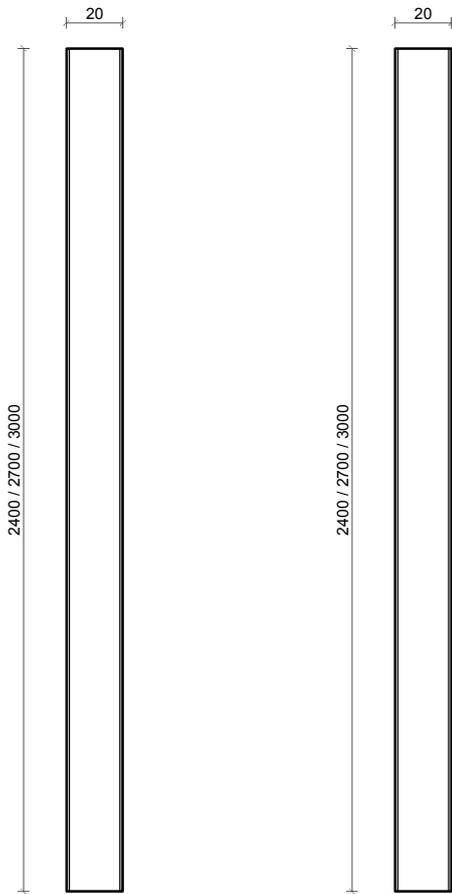
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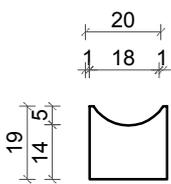
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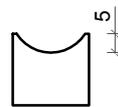
Dimensions



Front Elevation



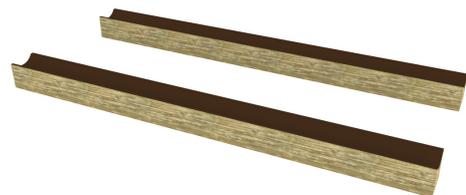
Butt Joint Connection



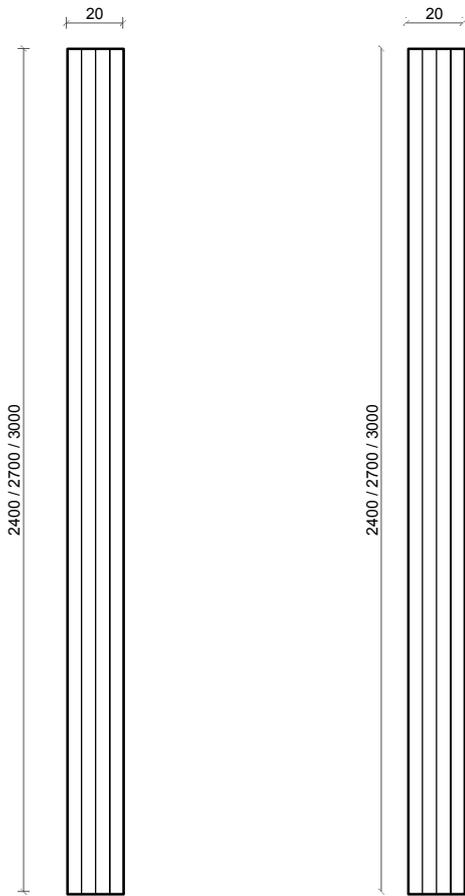
Assembled View



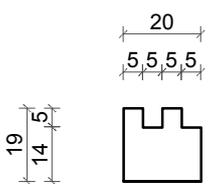
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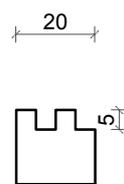
Dimensions



Front Elevation



Butt Joint Connection



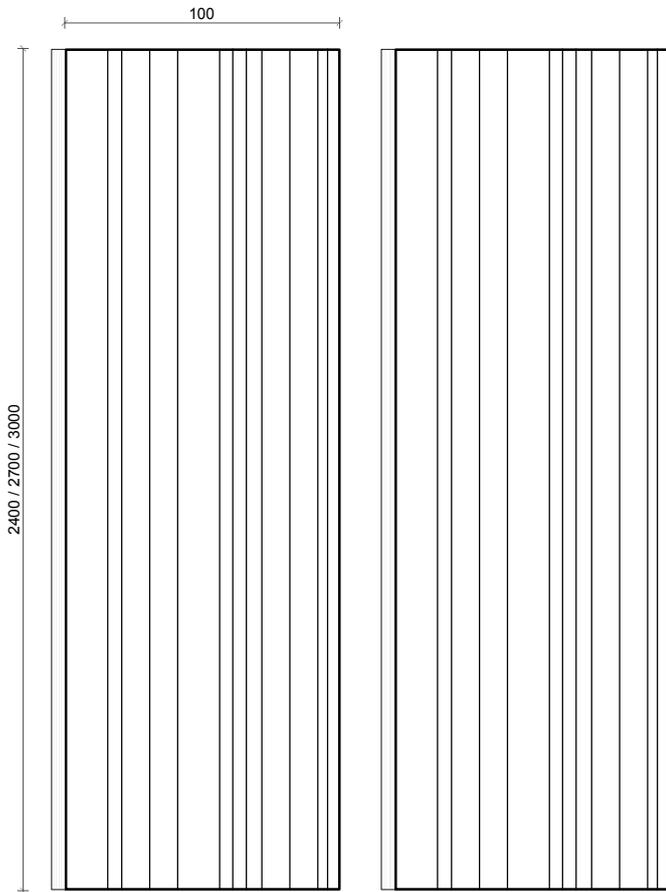
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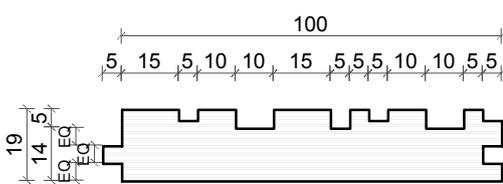
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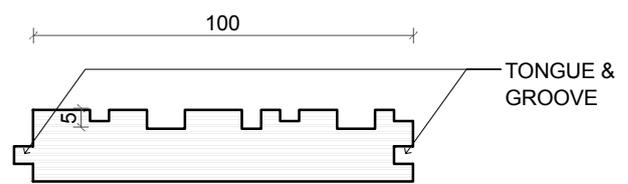
Dimensions



Front Elevation



Tongue & Groove Connection



Assembled View



Exploded View



Profile	Name	Thickness	Species	Density	Weight/m ²	Plank or strip size	Weight/size
	5x20mm Bevel	19mm	American Oak	750 kg/m ²	0.11167kg	100 x 2400mm (0.24% of 1m ²)	2.68kg
						100 x 2700mm (0.27% of 1m ²)	3.02kg
						100 x 3000mm (0.30% of 1m ²)	3.35kg
						25 x 2400mm (0.06% of 1m ²)	0.67kg
						25 x 2700mm (0.07% of 1m ²)	0.76kg
						25 x 3000mm (0.08% of 1m ²)	0.84kg
	American Ash	650 kg/m ²	0.09678kg	100 x 2400mm (0.24% of 1m ²)	2.32kg		
				100 x 2700mm (0.27% of 1m ²)	2.61kg		
				100 x 3000mm (0.30% of 1m ²)	2.90kg		
				25 x 2400mm (0.06% of 1m ²)	0.58kg		
				25 x 2700mm (0.07% of 1m ²)	0.65kg		
				25 x 3000mm (0.08% of 1m ²)	0.73kg		
	5x15mm Bullnose	19mm	American Oak	750 kg/m ²	0.12375kg	100 x 2400mm (0.24% of 1m ²)	2.97kg
						100 x 2700mm (0.27% of 1m ²)	3.34kg
						100 x 3000mm (0.30% of 1m ²)	3.71kg
						15 x 2400mm (0.036% of 1m ²)	0.45kg
						15 x 2700mm (0.041% of 1m ²)	0.50kg
						15 x 3000mm (0.045% of 1m ²)	0.56kg
	American Ash	650 kg/m ²	0.10725kg	100 x 2400mm (0.24% of 1m ²)	2.57kg		
				100 x 2700mm (0.27% of 1m ²)	2.89kg		
				100 x 3000mm (0.30% of 1m ²)	3.22kg		
				15 x 2400mm (0.036% of 1m ²)	0.39kg		
				15 x 2700mm (0.041% of 1m ²)	0.43kg		
				15 x 3000mm (0.045% of 1m ²)	0.48kg		
	2x18mm Flute	19mm	American Oak	750 kg/m ²	0.138675kg	100 x 2400mm (0.24% of 1m ²)	3.33kg
						100 x 2700mm (0.27% of 1m ²)	3.74kg
						100 x 3000mm (0.30% of 1m ²)	4.16kg
						20 x 2400mm (0.048% of 1m ²)	0.67kg
						20 x 2700mm (0.054% of 1m ²)	0.75kg
						20 x 3000mm (0.06% of 1m ²)	0.83kg
	American Ash	650 kg/m ²	0.12018kg	100 x 2400mm (0.24% of 1m ²)	2.88kg		
				100 x 2700mm (0.27% of 1m ²)	3.24kg		
				100 x 3000mm (0.30% of 1m ²)	3.61kg		
				20 x 2400mm (0.048% of 1m ²)	0.58kg		
				20 x 2700mm (0.054% of 1m ²)	0.65kg		
				20 x 3000mm (0.06% of 1m ²)	0.72kg		

Profile	Name	Thickness	Species	Density	Weight/m ²	Plank or strip size	Weight/size
	5x5mm Square	19mm	American Oak	750 kg/m ²	0.12975kg	100 x 2400mm (0.24% of 1m ²)	3.11kg
						100 x 2700mm (0.27% of 1m ²)	3.50kg
						100 x 3000mm (0.30% of 1m ²)	3.89kg
						20 x 2400mm (0.048% of 1m ²)	0.62kg
						20 x 2700mm (0.054% of 1m ²)	0.70kg
	American Ash	650 kg/m ²	0.11245kg	20 x 3000mm (0.06% of 1m ²)	0.78kg		
				100 x 2400mm (0.24% of 1m ²)	2.70kg		
				100 x 2700mm (0.27% of 1m ²)	3.04kg		
				100 x 3000mm (0.30% of 1m ²)	3.37kg		
				20 x 2400mm (0.048% of 1m ²)	0.54kg		
	Random Square	19mm	American Oak	750 kg/m ²	0.11865kg	20 x 2700mm (0.054% of 1m ²)	0.61kg
						20 x 3000mm (0.06% of 1m ²)	0.67kg
						100 x 2400mm (0.24% of 1m ²)	2.85kg
						100 x 2700mm (0.27% of 1m ²)	3.20kg
						100 x 3000mm (0.30% of 1m ²)	3.56kg
	American Ash	650 kg/m ²	0.10283kg	100 x 2400mm (0.24% of 1m ²)	2.47kg		
				100 x 2700mm (0.27% of 1m ²)	2.78kg		
				100 x 3000mm (0.30% of 1m ²)	3.08kg		

