

COMPATIBLE SPECIES

List of species and product compatibility with the Grad® system

SPECIES	DIMENSIONAL VARIATIONS (WITHIN THE SECTION)	TESTED BY GRAD®	DECKING COMPATIBILITY (MINIMAL THICKNESS REQUIRED)	EXTERIOR CLADDING COMPATIBILITY (MINIMAL THICKNESS REQUIRED)	INTERIOR CLADDING COMPATIBILITY (MINIMAL THICKNESS REQUIRED)
Bamboo Moso X-Treme	1 %	☑	☑ (20mm)	☑ (18mm)	☑ (18mm)
Radiata pine with Accoya treatment	1.5 %	☑	☑ (20mm)	☑ (18mm)	☑ (18mm)
Thermally treated scots pine	3 %	☑	☑ (21mm ; 26 mm advised)	☑ (20mm)	☑ (20mm)
Thermally treated ash	4 %	☑	☑ (20mm)	☑ (18mm)	☑ (18mm)
Radiata pine with Kebony treatment	4 %	☑	☑ (20mm)	☑ (18mm)	☑ (18mm)
Thermally treated radiata pine	4 %	☑	☒	☑ (20mm)	☑ (20mm)
Thermally treated frake	< 4 %	☑	☑ (20mm)	☑ (20mm)	☑ (20mm)
Thermally treated okoume	< 4 %	☒	☒	☑ (20mm)	☑ (20mm)
Thermally treated Tulipwood	< 4 %	☑	☒	☑ (20mm)	☑ (20mm)
Thermally treated ayous	< 4 %	☑	☒	☑ (20mm)	☑ (20mm)
Thermally treated red oak	< 4 %	☑	☒	☑ (20mm)	☑ (20mm)
Thermally treated iroko	< 4 %	☑	☑ (20mm)	☑ (20mm)	☑ (20mm)
Merbau (dried at 18% MC)	4.4 %	☑	☑ (20mm)	☑ (20mm)	☑ (20mm)
Doussié	4.4 %	☑	☑ (20mm)	☑ (20mm)	☑ (20mm)
Teak (depending on subspecies)	4.7 %	☑	☑ (20mm)	☑ (20mm)	☑ (20mm)
Padauk	5 %	☑	☑ (20mm)	☑ (20mm)	☑ (20mm)
Tatajuba	5.2 %	☒	☑ (20mm)	☑ (20mm)	☑ (20mm)
Iroko	5.4 %	☒	☑ (20mm)	☑ (20mm)	☑ (20mm)
African mahogany	5.5 %	☒	☑ (20mm)	☑ (20mm)	☑ (20mm)

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Red cedar (dried at 18% MC)	5.5 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)	<input checked="" type="checkbox"/> (18mm)	<input checked="" type="checkbox"/> (18mm)
Cypress (<i>Taxodium distichum</i>)	6.2 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)	<input checked="" type="checkbox"/> (18mm)	<input checked="" type="checkbox"/> (18mm)
Brasilian ipe (dried at 18% MC)	6.4 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (21mm)	<input checked="" type="checkbox"/> (20mm)	<input checked="" type="checkbox"/> (20mm)
Purple Heart	6.4 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)
Douglas fir (dried at 15% MC)	6.9 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (26mm)	<input checked="" type="checkbox"/> (20mm)	<input checked="" type="checkbox"/> (20mm)
Chestnut	6.9 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)
Robinia (Not compatible because of its unsta- bility)	6.9 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)
Bilinga	7.5 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)
Garapa	7.5 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)	<input checked="" type="checkbox"/> (20mm)
Jatoba	7.5 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (21mm)	<input checked="" type="checkbox"/> (20mm)	<input checked="" type="checkbox"/> (20mm)
Cumaru (depending on subspecies)	7.7 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (21mm)	<input checked="" type="checkbox"/> (20mm)	<input checked="" type="checkbox"/> (20mm)
Maple	7.8 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)
Muiracatiara (Tigerwood, Gonçalves alves)	7.9 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)
Larch (depending on subspecies)	8.2 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (26mm)	<input checked="" type="checkbox"/> (21mm)	<input checked="" type="checkbox"/> (20mm)
Scots pine (natural or autoclave treated)	8.3 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)
Tali	8.4 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)
Moabi	8.7 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)
Maritime pine	9 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)
Kapur	9.1 %	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (20mm)

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Maçaranduba	9.4 %	✓	✗	✗	✓ (20mm)
Bangkirai	9.5 %	✓	✗	✗	✓ (20mm)
Oak	9.7 %	✓	✗	✗	✓ (20mm)
Itauba	9.7 %	✓	✗	✗	✓ (20mm)
Azobé	10.3 %	✗	✗	✗	✓ (20mm)
Beech	11.6 %	✗	✗	✗	✓ (20mm)

This is a non-exhaustive list of products and species compatible with our patented Grad® system.

This compatibility is due to the fact that the wood species and products shown above have been tested to approve their compliance with the dimensions and tolerances required by Grad® (a trademark of BURGER ET CIE).

This list does not take into account the specificities linked to the sources of supply, the quality, the packaging, and the conditions of installation and use of each product and each species presented.

We invite our partners to contact Grad® for a detailed study taking into account the above parameters.

Grad® does not control these parameters and cannot be held responsible for them.