

CR Solid Timber Flooring

Solid timber flooring, available pre-finished and with re-usable clip system

GENERAL

CR Solid Timber floors are natural, optionally pre-finished floors available in various species and grades (see reverse) suitable for people with allergies to dust and synthetic chemicals.

The timber is from well managed, sustainable resources and the quality of the product is monitored closely throughout the manufacturing processes from the forest to sawmills, kilns, moulding and storage.

The flooring has good thermal and acoustic properties, moves very little in use and has a high aesthetic value.

The floors can be laid loose onto a Jute fleece (2mm) or Happy Step (6mm) sheets to create a floating floor.

The floors are available pre-finished, leading to a cleaner work and living environment with no in situ sanding. Natural maintenance and cleaning agents are also available.

Species available include: Ash, Beech, Oak, Chestnut, Hornbeam, Maple, Oak, Robinia, and Red Seapine.

Other species are available on request.



ADVANTAGES

Composition & Manufacture

- Timber from renewable and sustainable resources
- 100% recyclable

Installation & Disposal

- No health risks for workforce or installers
- Durable and low maintenance
- Biodegradable

Performance

- High aesthetic value
- Good thermal properties
- Good acoustic properties
- Hygroscopic
- Absorbs VOCs and toxins



Use of the optional clip system minimises the need for glues (refer to information sheet WF2)

PRODUCT DATA

Timber Flooring Section

Jointing	Tongue and groove
Section (optional)	3mm bevel on all four face edges end matched
Length	250 - 2200mm random lengths
Face width	70 - 140mm
Thickness	20 - 22mm (14mm to order)

Finish (optional)

Composition	Natural oils; linseed oil, wood oil, resin ester, pure orange oil terpenes, lead free drying agents
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Clips (optional)







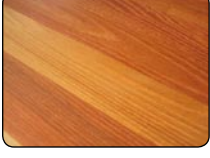

Composition	Spring steel
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Suitable underlays (optional)

Roll	Jute fleece roll: width 1m, thickness 2mm, length cut to size
Sheets	Happy Step (860 x 590 x 6mm)

Facts about solid timber

- Carbon dioxide neutral: the CO₂ released is only equivalent to that absorbed by the tree in its growth
- More energy is required to produce steel, aluminium, concrete than is required to produce an equivalent quantity of wood products. Measured in kilowatt-hours per tonne it takes 3870 for steel and 20,169 for aluminium against 435 for wood.
- 60% of Coniferous forests of Europe and 50% of Germany and France deciduous forests are at risk from acid rain from emission of sulphur dioxide from power stations and other burners of fossil fuels.

	Species / Origin *	Timber type / colour (refers to heartwood)	Timber grades ¹	Density kg/m³ (at 15% M.C.)	Texture	Hardness - Brinell Test
	Ash <i>Fraxinus excelsior</i> Europe	Hardwood - white to light brown colour with darker markings, rather coarse texture	Natural / character	710**	Medium / coarse	37-41
	European Beech <i>Fagus sylvatica</i> Europe	Hardwood - whitish to pale brown, pinkish-red if steamed - hard, light pink-brown with distinctive flecks	Natural / character	720	Fine	34
	Chestnut Horse <i>Aesculus hippocastanum</i> Europe	Hardwood - whitish to pale yellow-brown	Rustic	510	Fine	18
	Hornbeam <i>Carpinus betulus</i> Europe	Hardwood - yellow-brown	Natural / character	750	Medium	32
	Maple, rock <i>acer saccharum, a. nigrum</i> N. America / Europe	Hardwood - creamy white	Natural / character	740	Fine	27
	European Oak <i>Quercus robur</i> Europe	Hardwood - yellow-brown ~ hard, light brown with distinctive grain	Rustic	720**	Medium / coarse	34-41
	Robinia <i>pseudoacacia (false acacia) black locust</i> Europe	greeny-yellow with bone white sapwood, sometimes with darker markings	Natural / character	490	Fine	48
	Seapine red <i>pinus resinosa, Canada red, Norway pine</i> N. America / Europe	reddish brown - white cream	Rustic	450	Fine	36

* Other species and grades also available, please enquire for details

** Density can vary by 20%

¹ **Natural/Character** - a more vigorous palette, features heartwood and knots are permitted.
Rustic - a more robust palette with knots, providing a stronger impression of life

• Up to 5% of the piece may contain characteristics of the next grade

• Pictures are for illustrative purposes only: the actual product may vary in appearance and grade