



wood. for good.



engineered wood.

The wood industry is constantly researching new ways to produce more effective timber solutions.

engineered timber beams (I-beams)

I-beams, manufactured from kiln dried C24 softwood and oriented strand board, are increasingly popular in the housebuilding and commercial sectors as a replacement for conventional timber joists, because:

- They can be used with pre-formed flooring solutions
- Their superior strength-to-weight ratio allows longer spans and easier handling
- Their shrink and warp resistance helps create 'quiet' floor solutions
- Their consistent dimensions provide extra stability
- They are easy to install, cut and drill for services
- And come with product support software and engineering programmes and literature that can supply calculations for planners and designers.



heat treated wood

Heat treated wood (eg. Thermowood®) is softwood that has been heated to temperatures in excess of 215°C, to change the cell structure, reducing moisture content by up to 50%:

- The timber becomes more stable and durable
- The process is chemical free, using only heat and steam
- The timber is PEFC or FSC certified
- Suitable for fencing, noise barriers, cladding, decking, windows, doors, garden furniture and other outdoor products
- Fix as normal timber, pre-drilling for screws, using stainless or galvanised fixings
- Note sunlight will grey timber, but oil and water based stains can be applied.



- moisture content reduced by up to 50%
- wood becomes darker
- bending strength reduced by 10 - 20%
- splitting strength reduced by up to 50%
- deformation reduced by up to 50%
- resin removed
- improved weather resistance
- improved rot resistance

laminated wood panels

These products are made from high quality slow growth Nordic timber and made up of 40-45mm wide lamells glued together under high pressure to form larger widths and lengths. They are ideal for furniture production, as well as DIY projects:

- Panels can be combined with high quality planed sections and plywood veneers to provide attractive designs
- Specially kiln dried timber to 8/10% gives a stable product
- Can be cut and further machined
- Range of qualities and grades for versatile product end use
- Thicknesses: 6mm - 70mm
- Widths: 200mm - 1250mm
- Lengths: 300mm - 5000mm
- Available pre-finished with a variety of stains, paints and lacquers.



engineered constructional floors

- Major manufacturers supply ready made flooring systems
- They are pre-fabricated as part of an overall building solution
- They speed up site finishing times
- Meet sound, fire and load bearing demands
- And are supported by technical and computer expertise.

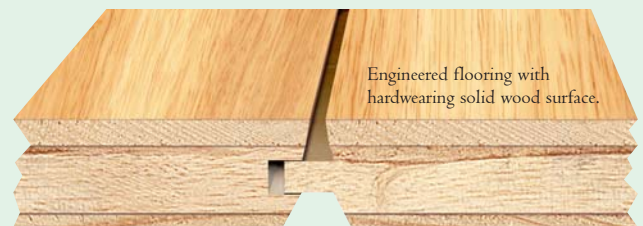
compressed wood floors

- New patented processes increase the hardness of wood – so that pine can be as hard as oak
- Suitable for heavy traffic areas, e.g. public buildings.



engineered wood floors

- Engineered timber flooring systems provide stable surfaces at lower costs
- 2.5mm - 3.5mm wood veneers are combined with 3 ply substrata
- Planks come in many formats, always tongued and grooved
- Hardened finishes are available using lacquers, oils and waxes.



for more information

Heat treated wood • www.storaenso.com I-beams • www.jamesjones.co.uk Compressed wood • www.walkonwood.nu
Engineered and cassette floors • www.sodra.com Heat treated wood, I-beams and engineered wood floors • www.finnforest.com
Engineered wood and laminated panels • www.wisa.com Contract Flooring Association • www.cfa.org.uk • www.woodforgood.com