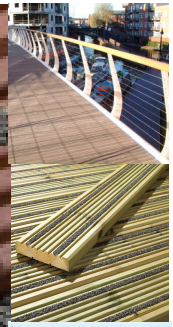
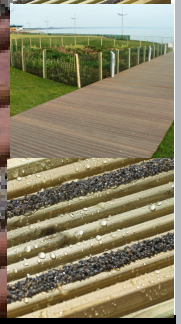
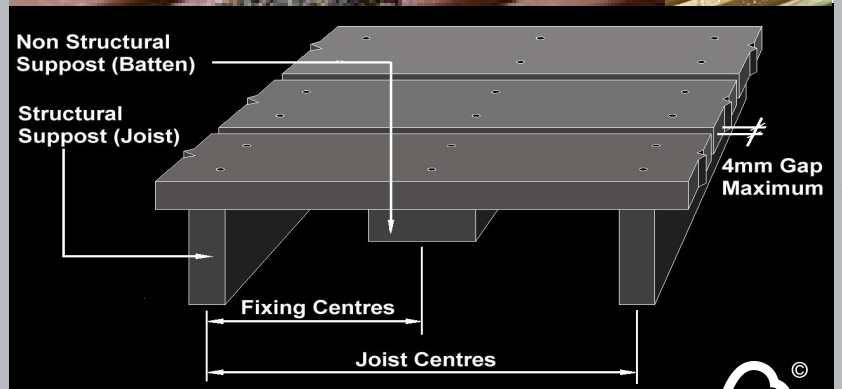
Timber Decking Options







Thickness	Timber	Joist centres	Fixing centres
33mm	Redwood Ekki	455 600	455 600
45mm	Redwood Ekki	600 1050	600 600
70mm	Redwood Ekki	1400 1840	600 600

FSC

FSC Supplier
TT-COC-002257

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By using FSC certified wood we are supporting better management

Technical

Fixings

To prevent movement of the boards they must be fixed correctly.

- Two fixings at approx 600mm centres
- 6mm dia. (No 12) stainless steel screws are recommended
- Screw length should be twice the deck thickness
- Deck boards should be laid with a maximum 4mm gaps

Choosing the Correct Board

- Standard width = 145mm
- Standard thickness = 33mm, 45mm or 70mm
- Standard timber = European Redwood (Softwood) or Ekki (Hardwood)
- Length of deck planks up to 4.8m. Available cut to length
- Non standard timbers are available to order

Storage

- If the boards are to be stored before fixing, store out of direct sunlight and wind.
- Stack carefully, supporting the deck at maximum of 600mm centres

Material Specification

- Softwood—kiln dried European Redwood to strength Class C16 Standard
- Hardwood—Ekki to strength class D60 Standard
- Inserts and Overlay—Chinese Bauxite Aggregate—Colour Grey

Hi Grip Decking Range

Hi Grip Standard

A precision grooved timber deck board.
The grooved profile assists drainage which improves the natural slip resistance of a smooth board.
Available for use on Softwood or Hardwood

Ideal for private gardens or where projects dictate an economical solution.

Hi Grip Excel

A product which combines the natural beauty of timber with an effective non slip surface.
Essential for public areas where user safety is vital.
Available for use on Softwood or Hardwood

Ideal for all foot traffic situations

Hi Grip Plus

A fully bonded resin/aggregate overlay is factory applied to machined timber deck in quality controlled conditions.
The result is a durable and extremely effective non slip surface.
Available for use on Softwood

Ideal for cycle ways and vehicle access bridges

Performance

Durability and Maintenance

All softwood is treated with Tanalith E preservative.
The hardwoods used are classified very durable and will naturally give a service life in excess of 30 years
A routine sweeping of the deck is recommended to prevent build up of debris. An occasional wash with a pressure washer will restore slip resistant properties to the deck.

Safety

The decking is designed to meet the requirements of BD 29/04 with regard to slip resistance of walkway surfaces. Independent tests on the Hi-Grip Excel and Hi-Grip Plus decking have shown a slip resistance value of up to twice that required by the Standard.
Hi-Grip Excel and Hi-Grip Plus are perfect for all public access areas where safety is a priority.

Sustainability

Timber is one of the few renewable natural resources.
CTS's timber decking is purchased from FSC sources or via their FSC 'controlled wood' policy. CTS will only purchase timber from verifiable sustainable sources.

This information has been provided as guidance . CTS do not take responsibility for any inaccuracies in the information provided.
The chart shows joist centres based on a 5kN/m2 UDL and a 1.4kN point load
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