



## Hi Grip Excel

A breakthrough product which combines the natural beauty of timber with an effective non-slip surface. Essential for public access areas where user safety is vital.

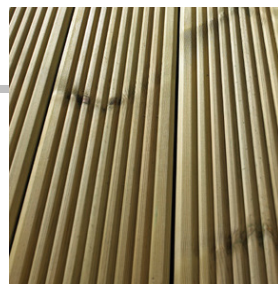
Ideal for foot traffic in all situations.



## Hi Grip Plus

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

Ideal for cycleways and vehicle access bridges.



## Hi Grip Standard

A precision grooved timber deck board. The grooved profile assists drainage which improves the natural slip resistance of a smooth board.

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

## Technical

### Fixings

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

- 2 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

### Storage

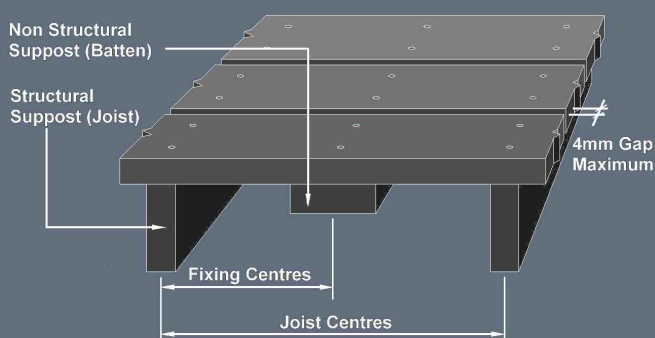
- If the boards are to be stored before fixing, store out of direct sunlight and wind.
- Stack carefully, supporting the deck at maximum of 600mm centres

### 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

The chart shows joist centres based on a 5kN/m<sup>2</sup> UDL and a 1.4kN point load



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

## 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.

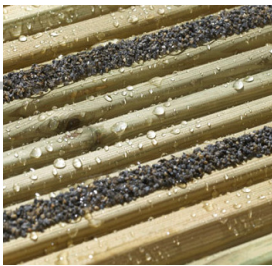
Hi-Grip Excel and Hi-Grip Plus are perfect for all public access areas where safety is a priority.

### Sustainability

Timber is one of the few renewable natural resources.

All CTS's timber decking is purchased from FSC sources.

CTS hold a chain of custody certificate no. TT-COC-002257



## Specification

### To Specify

Deck timber to be (Ekki or European Redwood)

Deck finish to be Hi-Grip (Excel or Plus or Standard)

Deck thickness to be (33mm or 45mm or 70mm)

All decking will be FSC approved

### To Obtain a Quotation

Tel: 01484 606416

Fax: 01484 608763

Email: [enquiries@ctsbridges.co.uk](mailto:enquiries@ctsbridges.co.uk)

### Technical specification:

Softwood : Kiln Dried European Redwood to Strength Class C16 Standard

Preservative : (Required for softwood only)  
Vacuum/pressure treated with Tanalith E preservative to comply with treatment code HTE/GFb for a desired service life (up to 30 years in hazard class 3)

Hardwood : Ekki to strength class D60 Standard

Inserts & Overlay: Chinese Bauxite Aggregate –Colour Grey



## Hi Grip Decking Range

