

## Hi Grip Decking Range



### 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.

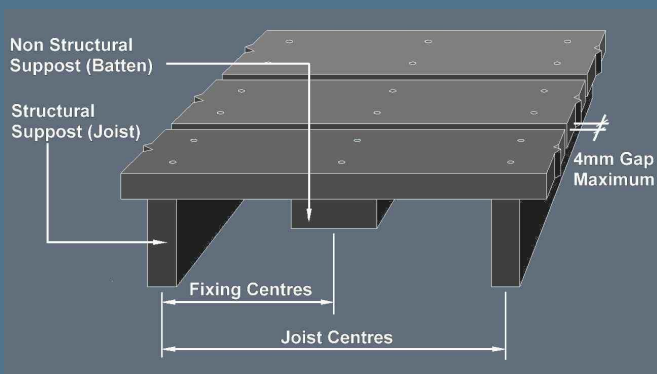


### Hi Grip Standard

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



| Deck Thickness | Timber          | Joist Centres    | Fixing Centres |
|----------------|-----------------|------------------|----------------|
| 33mm           | Redwood<br>Ekki | 455mm<br>600mm   | 455mm<br>600mm |
| 45mm           | Redwood<br>Ekki | 600mm<br>1050mm  | 600mm<br>600mm |
| 70mm           | Redwood<br>Ekki | 1400mm<br>1840mm | 600mm          |

### 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

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

## 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 4)

Hardwood : Ekki to strength class D60 Standard

Inserts & Overlay: Chinese Bauxite Aggregate –Colour Grey



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