

General Information: Dura Decking and Dura Floor Tiles

Dura Deck composite decking boards are produced with a hollow core centre which creates exceptional strength and lightness. Every board has a recess moulded into each edge which accepts a heavy duty hold down clip, creating a Below Surface secure fixing, using 8g and 10g stainless steel colour coded screws.

The result is a fully professional screw and nail free appearance with full bare foot safety.

Manufactured from polyethylene based resins, reclaimed hardwood, and finished with an attractive hardwearing anti-slip finish.

Dura Deck eliminates rot, algae growth, discolouration and significantly **reduces the risk of slipping in wet conditions**.

Dura Deck and Dura Tile are manufactured from recycled and sustainable materials, yet gives the appearance of traditional hardwood timber.

Due to its advanced material composition and unique design Dura Decking is able to span up to 700mm, meeting most of today's requirements set by architects, designers and specifiers.

Dura Tile – “Quick lay” system, no fixings required:

Featuring the Interlocking system, each floor tile can be attached to the next tile in seconds [*via its unique interlocking Grid Base system*] and will enhance and add value to a wide range of applications, either indoor or outside, including: Balcony Decks, Roof Terraces, Patios, Verandahs, Conservatories, Restaurant Terraces and public or private Swimming Pool decking areas.

The **Dura Tiles** can also be laid in one or two directions to create unique patterns.

The Interlocking tile joining system is easy to laid and large areas can be installed quickly by a single person so ideal for DIY .

Excellent installation cost and time savings can be gained as no fixings are required.

Dura Tile also has a interlocking edge reducer if needed that blends these tiles into the surrounding floor area to reduce tripping and maintain a excellent “finished” appearance...

Dura Tile uses:

- Landscaping Feature
- Greenhouse flooring
- Gazebo and Rotunda floors
- BBQ or outdoor kitchen surrounds
- Shower bases and Pool surrounds
- Showroom and Exhibition flooring, the list is endless...



Decking and Tiles Specifications:

| Characteristics: | Unit: | Test Reference: |
|---|--|--|
| Tensile Strength | 15mpa | BS 6399 |
| Impact Strengths | 8Ki | ASTM D1037 - 93 |
| Flexural Strength | 3.15 Gpa | ASTM D1037 - 93 |
| Flexural Strength after UV ageing (1000 hrs. & rain) | 3.13 Gpa | ASTM D1037 - 93 |
| UV ageing test | Pass | ISO 4892 - 2 |
| Density | 1.4g/cm3 | ISO 9001 |
| 24 hour Water Absorption | 1.07% | ASTM D684 |
| Flammability Resistance (Standard product) | Euro Class Dfl-S1 | BS EN 13501-1 |
| Flammability Resistance (Fire Retardant product) (special order) | Euro Class Bfl-S1 | BS EN 13501-1 |
| Slip Resistance (Pendulum test) | 89 dry - 58 wet (Pendulum test value) | BS 7976: Parts 1-3, 2002 Pendulum Co-efficient Test |
| Slip Resistance (Wet Shod Ramp Test) | 25.80 (0.48 Co-efficient of restitution) | BS 4592-0, 2006 Inclined Platform Test |
| Thermal Expansion | 3.882 E-05 (K-1) | ISO 9001 |
| Weather Ability | No Damage @ 100 cycles | MOAT 22 |
| Frost Resistance | No Damage | DD CEN/TS 772-22:2006 |
| Environmental Carbon Footprint | 0.788KgCO2/Kg (Dura Deck Type 295) | CERAM, Carbon Footprint Report |
| Colour Stability | ± 1.8 in L*a*b* | NPL Traceable 2006 Scale |
| Sustainability | FSC Certification | FSC 100% Certification |
| Recycled Content | 87.4% Recycled | CERAM, Carbon Footprint Report |
| Stiletto heel load / penetration resistance | 2.09kN | CERAM, 9.5 Steel Indenter Test |