

PERMATIMBER®

Alternative, Clever

146 Heavy Grain Decking

Innovative in design, PermaTimber® 146 Heavy Grain Decking provides a stunning natural timber finish without any of the associated maintenance. Made from a combination of high-quality recycled hardwoods and plastics.



LOW MAINTENANCE. NATURAL LOOK. DECKING

Please ensure you download and read a copy of the PermaTimber® Decking Installation guide prior to, and during your installation. Failure to do so will void your warranty.

You can download the guide by scanning the QR Code or visiting www.permacomposites.com/brochure-installation-guide-library

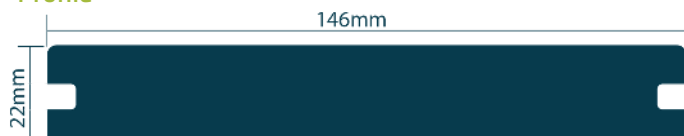


146 Heavy Grain Decking

Features

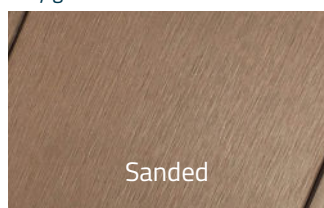
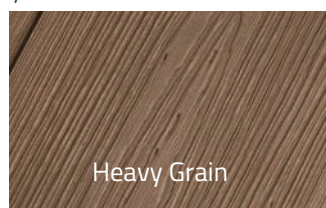
- **Low Maintenance:** No staining, painting or oiling required. Scratches easily sand out.
- **Quick & Easy to Install:** Thanks to our simple hidden fixing system.
- **Sleek Natural Look:** Get that traditional timber finish without the hassle.
- **Non-Slip Surface:** Ideal for poolside and coastal locations.
- **Insect and Salt Resistant:** Never fear white ants or termites again!
- **UV Stabilised:** We've included UV inhibitors so colour holds.
- **Eco-Friendly:** Made from 87% recycled materials.

Profile

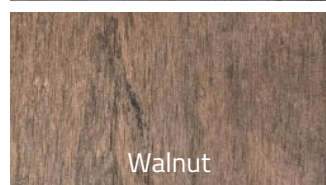
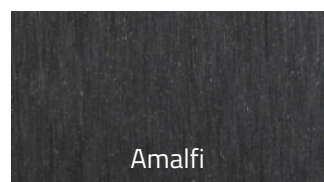
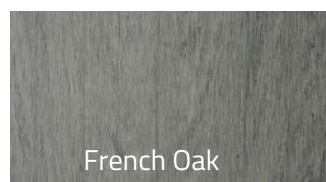


Finishes

PermaTimber® 146 Decking features a fully reversible design, giving you the choice between a sanded or heavy grain finish.



Colours



Fire Rated BAL29 version available in Amalfi, Walnut & French Oak

Fixings



Decking Screw



Start/ Stop Clip



Driver



Anti-Creep Clip



Double Fixing Clip

Specifications

| | |
|----------------------|-------------------|
| Board Dimensions | 146 x 22 x 5400mm |
| Max Residential Span | 450mm |
| Max Commercial Span | 400mm (3kpa) |
| Weight per Board | 22kg |
| Weight per LM | 4.1kg |
| Weight per SQM | 28.2kg |

Order Codes

| | |
|--------------|---------|
| French Oak | D146FS |
| Amalfi | D146AS |
| American Oak | D146AOS |
| Walnut | D146WS |

Test item

| | |
|----------------------------|-----------------------------------|
| Water absorption | Mean: 0.5% |
| EN 15534-4:2014 | Max: 0.6% |
| Section 4.5.5 | |
| EN 15534-1:2014 | |
| Section 8.3.1 | |
| *Resistance to indentation | Brinell hardness: |
| EN 15534-4:2014 | Mean value: 104 Mpa |
| Section 4.5.7 | Rate of elastic recovery: |
| EN 15534-1:2014 | Mean value: 74% |
| Section 7.5 | |
| Impact resistance | Method designation: ISO 179-1/1fU |
| EN 15534-1:2014 | Charpy impact strength: |
| Section 7.1.1 | Mean value: 4.4 kJ/m2 |
| ISO 179-1:2010 | Type of failure: Complete break |
| Pendulum test | Longitudinal direction: |
| BS 7976-2:2002+A1:2013 | Mean: 53/Min: 50 |
| | Horizontal direction: |
| | Mean: 57/Min: 54 |
| Freeze-thaw | MOR MOE |
| Resistance | Mean value: 36.7 MPa 4386 MPa |
| ASTM D7032-17 | Change: -3.2 % 0.9 % |
| Section 4.7 ASTM D6109-10 | |
| Mechanical Fastener | Withdraw force: |
| Holding | Mean value: 6519 N |
| ASTM D7031-11 Section 5.11 | |
| ASTM D1761-12 | |
| Linear thermal expansion | Specimen 1: 42.5 x10-6 /°C |
| ASTM D696-16 | Specimen 2: 45.1 x10-6 /°C |
| | Specimen 3: 43.9 x10-6 /°C |
| | Mean value: 43.8 x10-6 /°C |
| Density | Mean value: |
| ASTM D792-13 | 1.317 |
| Method A | g/cm3 |
| Fire Rating | 4.7kw/m2 |
| AS ISO 9239.1-2003 | |
| Slip Resistance | P5 (Heavy Grain) |
| EN 15534:2014 | P5 (Sanded) |

*Please consult PermaTimber® for more information.