



THERMOWOOD

ALL WEATHER DECKING



Buy now! ▶

CLICK HERE
TO REQUEST
YOUR FREE
THERMOWOOD
SAMPLE

The inviting warm tones may resemble hardwood, yet ThermoWood® is made from Scandinavian softwood.

The chemical-free heat treatment used to create ThermoWood® also provides a natural weather resistance in addition to being environmentally friendly.

COMPONENT INFORMATION

Dimensions	32 x 125mm nominal / 26 x 118mm finished
Species	Scandinavian Softwood
Certification	PEFC
Description	Dual deck board grooved 1 side / Smooth 1 side
Product features	Precision finish Kiln dried Hard wearing Matching accessories available



GROOVED ONE SIDE, SMOOTH ON REVERSE

Vincent Timber Ltd

8 Montgomery Street, Birmingham B11 1DU

Tel - 0121 772 5511 Fax - 0121 766 6002 www.vincenttimber.co.uk sales@vincenttimber.co.uk





TECHNICAL INFORMATION

CLICK HERE TO REQUEST YOUR FREE THERMOWOOD SAMPLE

COLOUR

THERMOWOOD® DECKING IS A RICH GOLDEN COLOUR SIMILAR TO THAT OF HARDWOOD WHICH IF LEFT UNTREATED WILL FADE TO A SILVERY GREY ONCE EXPOSED TO THE ELEMENTS.

TREATMENT

THERMOWOOD® DECKING IS HEAT TREATED TO CLASS THERMO-D AT TEMPERATURES OF 212°C MAKING IT SUITABLE FOR EXTERNAL USE.

THERE ARE THREE MAIN PHASES TO THE TREATMENT PROCESS:

1. USING HEAT AND STEAM THE TEMPERATURE IN THE KILN IS RAISED TO 100°C. THEREAFTER THE TEMPERATURE IS RAISED TO 130°C ALLOWING THE DRYING PROCESS TO TAKE PLACE AND THE MOISTURE CONTENT DECREASES TO ALMOST ZERO.
2. ONCE THE DRYING HAS TAKEN PLACE THE KILN TEMPERATURE IS RAISED TO 212°C AND THIS CONSTANT TEMPERATURE REMAINS FOR 2-3 HOURS DEPENDING ON THE END USE APPLICATION.
3. FINALLY THE TEMPERATURE IS LOWERED WITH WATER SPRAY SYSTEMS. WHEN 80-90°C IS REACHED RE-MOISTURISING TAKES PLACE ALLOWING THE WOOD MOISTURE CONTENT TO RISE TO A USEABLE LEVEL OF 4-7%.

CLEANING AND MAINTENANCE

- GENERAL MAINTENANCE INCLUDING REGULAR CLEANING WITH A MILD DETERGENT WILL EXTEND THE LIFE OF THERMOWOOD® DECKING.
- TO MAINTAIN THE RICH COLOUR, TREAT THE THERMOWOOD® ANNUALLY WITH A DECK OIL OR STANDARD PRESERVATIVE DECK TREATMENT.

FIXING INSTRUCTIONS

- THERMOWOOD DECK BOARDS CAN BE FIXED WITH STANDARD DECK SCREWS OR CLIPS.
- IF CUT, SAWN ENDS SHOULD BE RE-TREATED WITH A SUITABLE TIMBER PRESERVATIVE
- SUPPORTS SHOULD BE SET AT A MAXIMUM OF 400mm CENTRES. A SLIGHT FALL SHOULD BE INCORPORATED INTO THE DESIGN TO HELP IMPROVE DRAINAGE

DIMENSIONS



Nominal (mm)	Finished Dimensions (mm)	Length (m)
32x125	26x118	3/3.3/3.6/3.9/4.2/4.5/4.8/5.1/5.7

CALCULATION TABLE

USING 125mm WIDTH NOMINAL SIZE DECK BOARDS

Metres	1	2	3	4	5	6	7	8	9	10
1	8	16	24	32	40	48	56	64	72	80
2	16	32	48	64	80	96	112	128	144	160
3	24	48	72	96	120	144	168	192	216	240
4	32	64	96	128	160	192	224	256	288	320
5	40	80	120	160	200	240	280	320	360	400
6	48	96	144	192	240	288	336	384	432	480
7	56	112	168	224	280	336	392	448	504	560
8	64	128	192	256	320	384	448	512	576	640
9	72	144	216	288	360	432	504	576	648	720
10	80	160	240	320	400	480	560	640	720	800

FIRE PERFORMANCE

ACCORDING TO EN13501 (SBI TEST) THERMOWOOD® IS IN A REACTION TO FIRE CLASS D. IT IS POSSIBLE TO TREAT FURTHER WITH FIRE PROTECTIVE TREATMENTS IN ORDER TO ACHIEVE FIRE CLASS RATING 1 SPREAD OF FLAME.

MOISTURE CONTENT

- THE PRODUCT HAS A MOISTURE CONTENT OF 5-7% (50%RH) WHEN PACKED IN PRODUCTION.
- THIS LEVEL WILL CHANGE ACCORDING TO ATMOSPHERIC CONDITIONS.

Vincent Timber Ltd

8 Montgomery Street, Birmingham B11 1DU

Tel - 0121 772 5511 Fax - 0121 766 6002 www.vincenttimber.co.uk sales@vincenttimber.co.uk

