

THERMOWOOD®

ALL WEATHER DECKING



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.



GROOVED ONE SIDE, SMOOTH ON REVERSE

COMPONENT INFORMATION

Dimensions	32 x 125mm nominal / 26 x 118mm finished
Species	Scandinavian Softwood
Certification	PEFC / DeckMark Approved
Description	Dual deck board grooved 1 side / Smooth 1 side
Guarantee	15 year guarantee
Product features	15 year guarantee against rot and fungal decay Precision finish Kiln dried Hard wearing Matching accessories available



PRECISION
FINISH



15
YEAR
GUARANTEE



CHEMICAL FREE



KILN DRIED



DECKMARK
APPROVED



PEFC
PROGRAMME
CERTIFIED
www.pefc.org

TECHNICAL INFORMATION



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%.

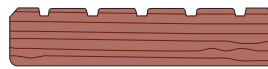
CLEANING AND MAINTENANCE

- 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.