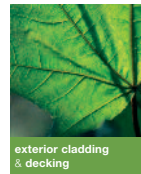




**beaumont**  
...naturally



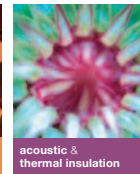
exterior cladding  
& decking



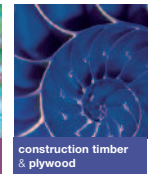
interior joinery  
& floorings



fencing & landscaping materials



acoustic & thermal insulation



construction timber  
& plywood

for responsible timber product supply

GRADE A 26mm x 140mm

# lunawood decking



**BALCONY QUALITY**  
STRENGTH TESTED FOR HIGH LEVELS

## Introduction

Modified wood is a versatile and durable choice for construction projects. However, it is important to ensure the modified wood you are specifying is fit for purpose. Lunawood decking from Beaumont is Grade A quality board that has been strength tested for suitability of use on balconies, even at high levels.

Lunawood decking is an environmentally friendly, heat modified deck board made from northern grown Nordic Pine and thermally modified in Finland by the world's largest Thermowood producer.

## Features

- Edinburgh Napier University strength tested for suitability, even at high levels such as balconies (See strength test data on reverse)
- BRE endorsed for minimum 30 year service life
- CE compliant in accordance with EC Directive 89/106 EEC (CPD)
- Excellent dimensional stability, 50% less movement than un-modified timber
- Hardness – Brinell scale 15 + 2 MPa in accordance with EN 1534
- Density – average 450kg per m<sup>3</sup> at 7% moisture content
- Moisture Content 6% + 2%
- Thermal modification class D (212°C)
- PEFC Certified Pine thermally modified to Class 2 durability to BS EN351-1

## Benefits

- Attractive medium brown appearance similar to some hardwoods
- Leach free – no residue or colour tone will leach from our Lunawood decking
- Can be cut, drilled, notched etc. with standard woodworking tools without affecting the durability or colour
- Less cupping and distortion than un-modified timber, less maintenance
- Will accept all proprietary brands of surface treatment or deck oils



26mm x 140mm Lunawood decking

Riverside Sawmill,  
Hoddesdon  
t: 01992 460000  
f: 01992 460020

The Crown Estate Yard,  
Ascot  
t: 01344 874137  
f: 01344 874139

Wycombe Town Depot,  
High Wycombe  
t: 01494 521421  
f: 01494 522866

[www.beaumontforest.co.uk](http://www.beaumontforest.co.uk)



# GRADE A BALCONY QUALITY LUNAWOOD DECKING



**BALCONY  
QUALITY**  
STRENGTH  
TESTED FOR  
HIGH LEVELS

## Recommendations

- Whilst Lunawood is durable, it is recommended to apply a proprietary brand of deck sealer or oil to preserve the colour tone. All timber will fade or grey when exposed to ultra-violet light
- Use non-ferrous fixings, stainless steel is recommended
- Pre-drill before screwing and avoid fixing close to edges or ends
- The strength test data shown below should be assessed and incorporated into the 'whole design' structure

## Lunawood Strength Test Data (26mm thickness)

Table extracted from "Design (safe) vertical loads for 26mm Lunawood" by Edinburgh Napier University  
Full table available on request or downloadable from our website

26mm x 140mm Lunawood decking	Joist centres 300mm		Joist centres 400mm		Joist centres 600mm	
	Single Span (2 supports)	Double Span (3 supports)	Single Span (2 supports)	Double Span (3 supports)	Single Span (2 supports)	Double Span (3 supports)
<b>Short-term design (safe) load</b>						
UDL	54.3	87.6	27.2	43.6	8.1	12.9
CLL	10.2	15.5	6.8	10.1	3	4.5
<b>Medium-term design (safe) load</b>						
UDL	50.4	81.4	25.2	40.5	7.4	12
CLL	9.5	14.2	6.3	9.4	2.8	4.2
<b>Long-term design (safe) load</b>						
UDL	42.7	68.8	21.4	34.3	6.4	10.1
CLL	8	12.2	5.3	7.9	2.4	3.5

UDL: Uniformly Distributed Load in kN/m<sup>2</sup>

CLL: Concentrated Line Load in kN/m<sup>2</sup>