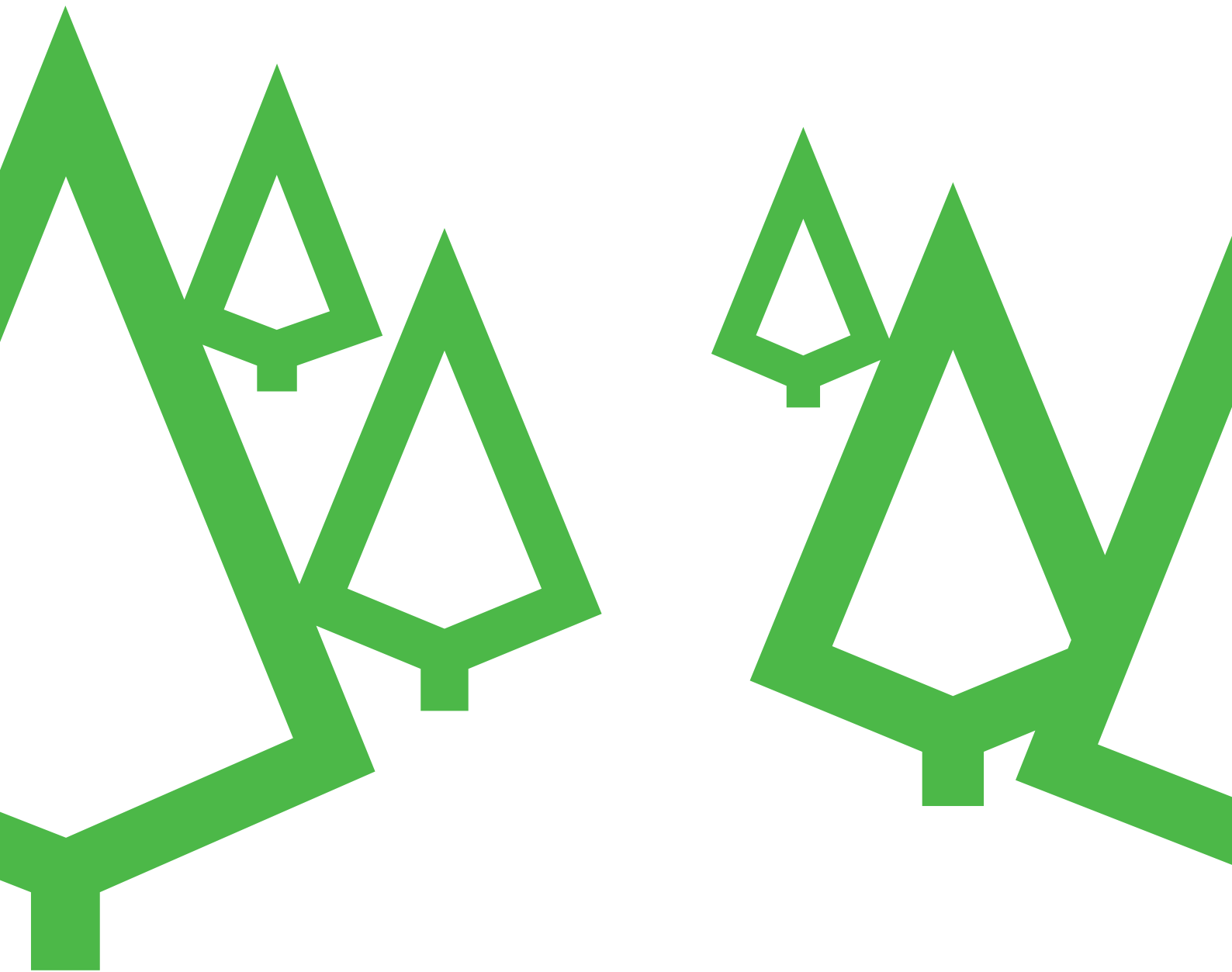


ENGLISH



THERMOWOOD COMPOSITE (TWPC)



LUNAWOOD.COM





LUNAWOOD THERMOWOOD COMPOSITE DECKING

A SUSTAINABLE AND HIGH-PERFORMANCE CHOICE

Thanks to its unique structure, Lunawood Thermowood Composite is one of the most stable composites material on the market. What makes TWPC so durable is the high-quality Thermowood fibre used in its manufacture: the product contains twice as much of this fibre as is found in a piece of solid wood of the same size. The Luna TWPC is three times the density of pine, and it contains more than 65% Thermowood fibre and

about 20% high-quality CIRCO® recycled polypropylene plastic. The product's high Thermowood fibre content and low degree of thermal expansion mean that it will retain its shape and size for decades to come. Luna TWPC is a long-lasting choice for decking, stairs, pools, balconies, jetties and other exterior applications.

Why choose Luna TWPC?

- **DURABLE** – No nutrients or resin means no wood-rotting fungi
- **DIMENSIONALLY STABLE** – Minimal thermal expansion, 1 mm/m in case of 50° C temperature change
- **SAFETY** – No toxic chemicals, no splinters or cracks
- **ECO-FRIENDLY**, throughout its entire life cycle, with 85% recycled materials and PEFC certified wood fibres
- **ELEGANT AND MODERN DESIGN**, with a hidden fixing system that provides easy and rapid installation.



**DIMENSIONAL
STABILITY**



ALL CLIMATES



**WEATHER
ENDURANCE**



NON-TOXIC

LUNA TWPC 26×140 DECKING

Finish choices – grooved and brushed surfaces



Silver Grey



Graphite Grey



Mocca Brown



Black



LUNA TWPC 26×140 mm

Length	4 m / 6 m
Running metres	6.85 rm/m ²
Package size	84 boards/package
Weight	2.7 kg/m
Joist centres	450 mm (recommended)

Solid profiles and other lengths are available by special order.



FAST CLIP – Hidden fixing system

Number required	17 pcs/m ² (joists set at 450 mm centres)
Package size	250 pcs/package
Colour	brown, black or grey



LUNA TWPC 42×200 DECKING

Finish choices – grooved and brushed surfaces



Silver Grey



Graphite Grey



Mocca Brown



Black



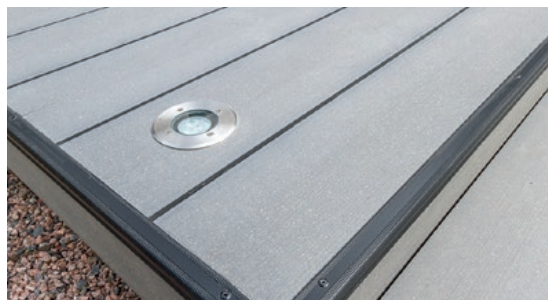
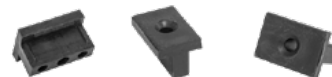
LUNA TWPC 42×200 mm

Length	4 m
Running metres	4.83 rm/m ²
Package size	40 boards/package
Weight	5.3 kg/m
Joist centres	600–800 mm



T-HIDE CLIP – Hidden fixing system

Number required	6–8 pcs/m ² (joists set at 600–800 mm centres)
Package size	50 pcs/package
Colour	black



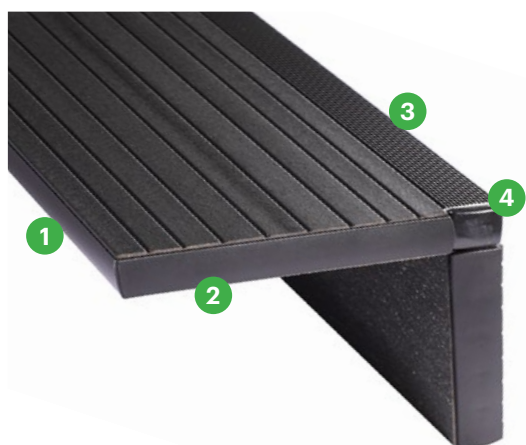
A MODERN AND PLEASANT SURFACE

Luna TWPC decking products have a brushed surface on one side, while the other surface is grooved – you can choose which side faces upwards when installing. Thanks to their hollow structure, the boards can accommodate cables for lighting and heating solutions.



ACCESSORIES

Providing a finishing touch to your decking



LUNA TWPC 26×140

- 1 Aluminium side strips for board edges**
 - black, silver and brown
 - length 4 m
 - also compatible with Luna TWPC 42×200
 - 2 End-caps for the board ends**
 - black, grey and brown
 - 3 Aluminium corner guards (e.g. to be used for steps)**
 - black, grey and brown
 - length 4 m
 - 4 Plugs for sealing corner guards**
 - black, grey and brown
- Gap strip**
- black, grey and brown
 - 100 m / roll
- Aluminium L-strip (26×42 mm)**
- black, silver and brown
 - length 4 m



LUNA TWPC 42×200

- 5 Aluminium L-strip (26×42 mm)**
 - black, silver and brown
 - length 4 m
- 6 Gap strip**
 - black, grey and brown
 - 100 m / roll

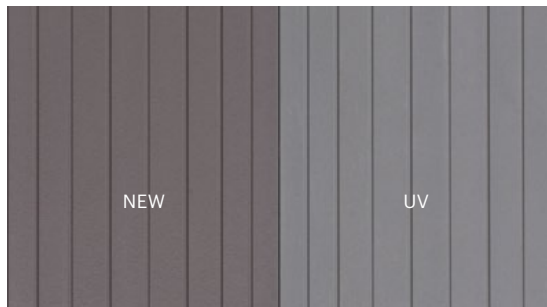
Further information and instructions ›
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NATURAL WEATHERING

The effect of UV exposure on Luna Thermowood Composite

Because of the nature of the Thermowood fibre, the silver decking material in particular has a slight brown hue when new, but the colour becomes grey after exposure to sunlight as natural wood. The colours may differ slightly from those shown in the picture: a new product is depicted on the left, with the product six weeks after exposure to sunlight on the right. The initial colour of Luna TWPC decking products fades slightly during the first 6–12 weeks* of exposure to natural UV light. The final colour may vary depending on the amount UV light it is exposed to.

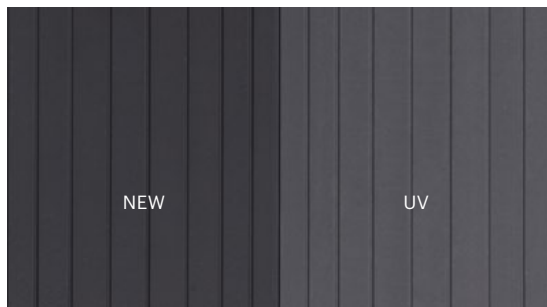
Example of colour after exposure to direct Sunlight UV, around six weeks after installation.



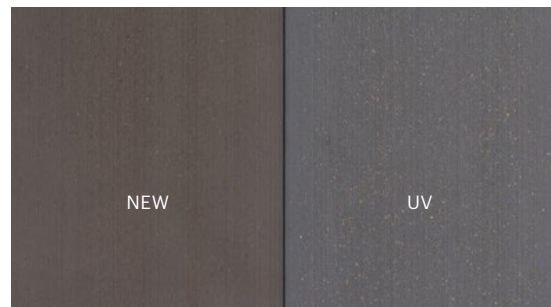
Silver Grey, grooved surface



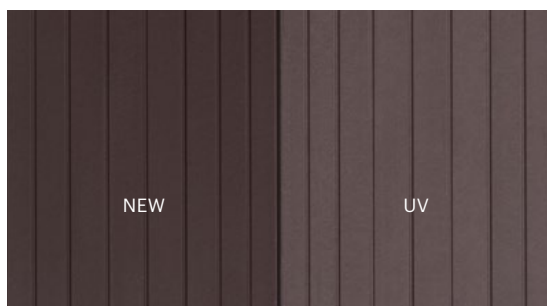
Silver Grey, brushed surface



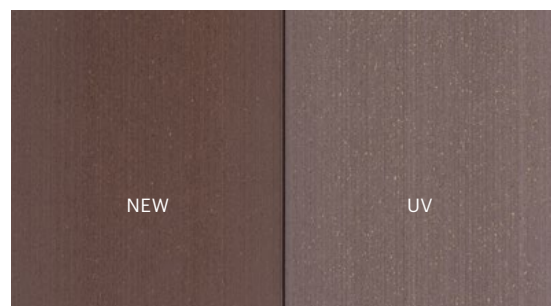
Graphite Grey, grooved surface



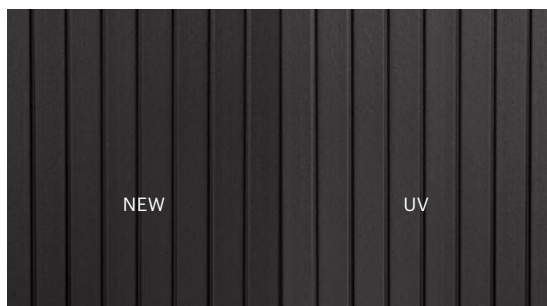
Graphite Grey, brushed surface



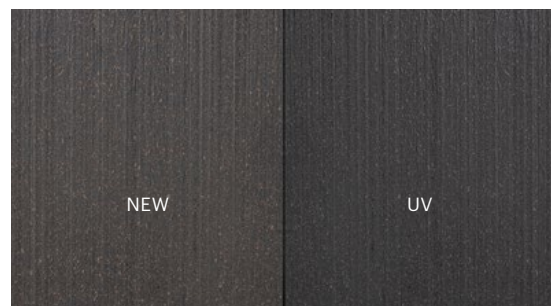
Mocca Brown, grooved surface



Mocca Brown, brushed surface



Black, grooved surface



Black, brushed surface

*The estimated duration of the colour change is indicative. If the weather is not sunny, the change may take longer.

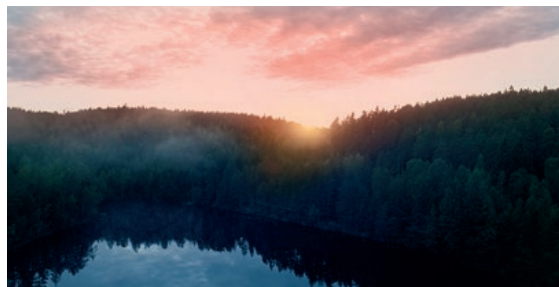
MAINTENANCE AND INSTALLATION

Lunawood Thermowood Composite is ideal wherever exceptional durability and weather resistance is required. Luna TWPC is easy to maintain and doesn't require annual surface treatment. Luna TWPC will give many years of service with minimal maintenance.

- The board surface and the gaps between boards must be brushed regularly and should be washed (with water and a mild detergent) when necessary.
- As the product is not fully water-repellent, any stains, e.g. food and grease smudges, should be removed immediately to prevent them from discolouring the surface.
- As with solid wood, Thermowood Composite is susceptible to scratching, so the feet of any furniture placed on it should be equipped with pads. Care should also be taken during construction in order to avoid surface abrasion.
- Luna TWPC can be treated with pigmented wood oil to preserve its even colour.
- Avoid hard knocks to keep the decking surface intact.

See the official installation guide on the website lunawood.com or ask your local Lunawood dealer for instructions.





Love for the Forest

Lunawood is a pioneer and global market leader of Thermowood. We love the forest, its untamed freedom and its incomparable strength. Our mission is to reconnect nature with people in urban environments. We make the soothing effect of the forest available to all.

Our mills in Finland transform the very best Nordic pine and spruce into beautiful and long-lasting Thermowood. It is the ideal foundation and the perfect material for an ecological and healthy way of designing, building and living.

Every Lunawood product is an authentic piece of Nordic forest and is the result of years of dedication to sustainability. Non-toxic Thermowood is suitable for all climates and types of weather. It is dimensionally stable and resin-free. These unique properties inspire architects and builders to create amazing and versatile projects around the world.

Founded in 2000, Lunawood employs 90 professionals in Finland, at its production units in Iisalmi, Kaskinen and Joensuu, as well as at its head office in Lahti and in its main export markets. In 2017 Lunawood's turnover was EUR 41 million.



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Lunawood

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