



LUNA
comp

Buy now! ▶

Luna Comp Decking. Created to look Beautiful And stand the test of time.

LunaComp Deck is a new, innovative, and durable wood plastic composite decking product. It has a patented production process, which combines stable thermowood fibres with high quality plastic polymers, resulting in an attractive, stable and low maintenance decking product.

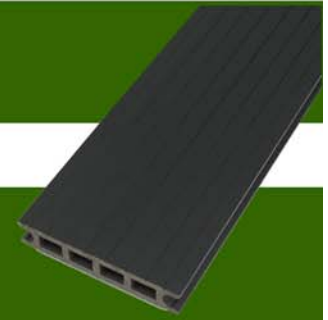
The product is designed and manufactured in Finland.

LunaComp Deck has superior durability, retaining its colour, shape and strength in all weathers. Easy maintenance and good stability properties provide a beautiful deck for years.

Due to its density, LunaComp decking products contain more wood fibre per metre than a piece of solid wood!

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Our Raw Material Looking After the Environment

We must look after our planet. The best way to do this is by using renewable resources and recycling those we have already used. LunaComp decking products are made from an innovative wood plastic composite, using modern, efficient manufacturing techniques.

The principle ingredients in LunaComp Deck are thermally modified wood fibres and recycled polypropylene. The wood fibres are a by-product from the production of Lunawood and make up approximately 65% of LunaComp's mass. The polypropylene is 100% recycled and non-toxic to the environment. No PVC is used.

Production of LunaComp Deck does not produce any waste products. Even the water is re-used in a closed loop system. LunaComp Deck is manufactured on the same site that the Lunawood fibres are produced, so there is no transport required.

And should you wish to replace your LunaComp deck, it can be recycled to produce more LunaComp products or disposed of with your ordinary household waste.



Your Deck - Year After Year

The inherent advantage of LunaComp Deck is the use of Lunawood fibre. During the thermal modification process, Lunawood undergoes physical and chemical changes that give it a natural durability against decay along with dimensional stability in heat and humidity. The result is that, with little maintenance, your deck will remain beautiful year after year. Heat Expansion effects when temperature changes.

Expansion / contraction (mm)

	1m board	2m board	3m board	4m board
10°C change	0 mm	0 mm	1 mm	1 mm
20°C change	0 mm	1 mm	1 mm	2 mm
30°C change	1 mm	1 mm	2 mm	2 mm
40°C change	1 mm	2 mm	2 mm	3 mm
50°C change	1 mm	2 mm	3 mm	4 mm



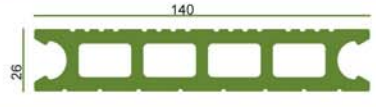




Coefficient of heat expansion 0.02 mm / 1°C / 1m

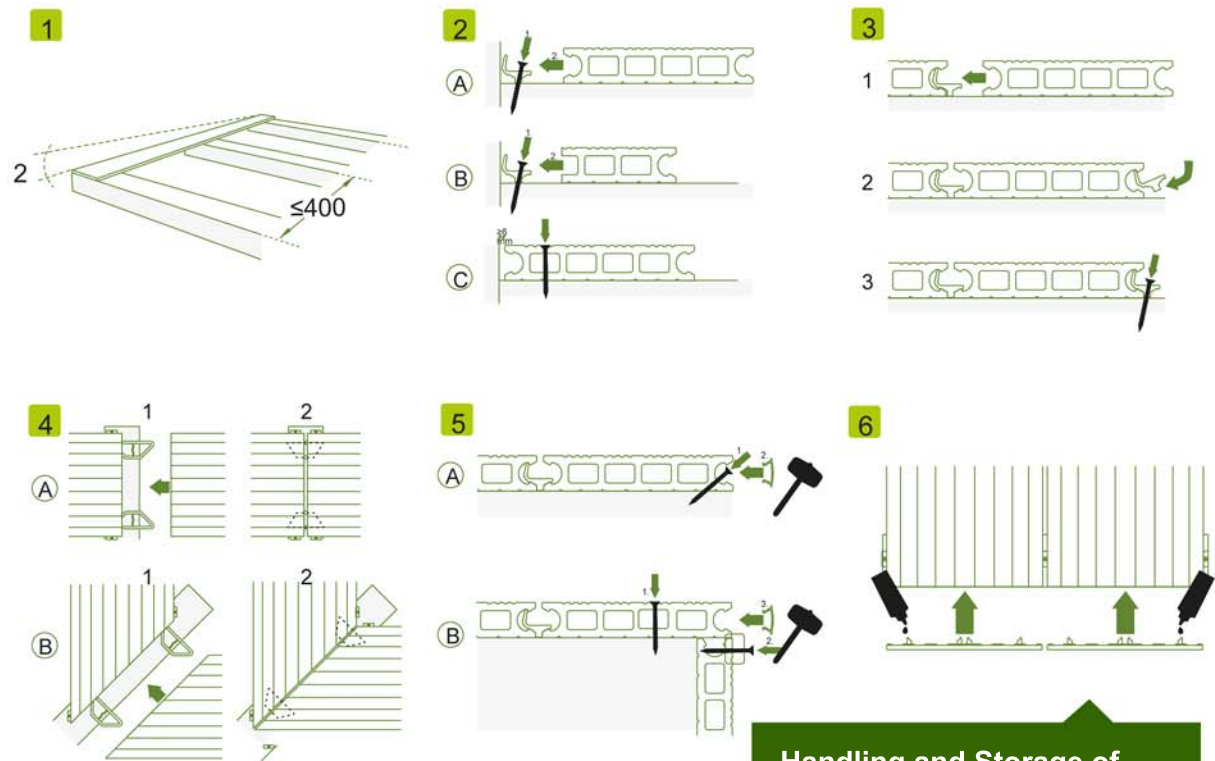
With its hard surface, wear resistance and significant friction, LunaComp Deck is ideal in hotels, restaurants, around pools and marinas and of course, in your home.

LunaComp Deck feels comfortable under bare feet but, unlike solid wood decks you need not have any worries about splinters.



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	 2,5 kpl/m 2,5			
 MOMENT 50%		STAINLESS STEEL	 4-4,2 × 35-45 — Ø max 8	



Handling and Storage of LunaComp Deck

How to keep my LunaComp Decking looking superb year after year

- Clean your deck periodically
- Clean food and drink stains immediately to minimise any possibility for permanent staining
- Do not sand this LunaComp Deck
- Sweep your deck regularly to keep the gaps between the boards

LunaComp Deck is heavier than many wood species. This should be taken into consideration when handling and storing. When handling LunaComp Deck forklift drivers need to pay special attention not to damage the profile edges. Storing should be on a firm flat clean surface and preferably undercover a Maximum three full packs in height may be stored.

LunaComp Deck



Weight: 2,3 kg/m

Consumption: 6,9 m/m²

Available colours: Graphite Grey and Mocha Brown

FastClip: 250 pcs/bag, consumption 2,5 pcs/m

End Connector: 40 pcs/bag

End Cap: 20 pcs/bag

Side Strip: Standard lengths 3,0 and 4,0 m

Decking Board Lengths: 3,0m and 4,0m

The Carefree Choice

Not only does your LunaComp Deck look good and have a long service life, but it is easier to maintain than solid wood decks. No surface treatment is required and when the deck does get a bit mucky after a party, simply brush with warm water or gently pressure wash. Pressure should not exceed 100 bar or be applied closer than 30 cm from the deck. We recommend that fresh stains are cleaned promptly with warm water and a neutral cleansing agent.

LunaComp Deck does not fade and it retains its colour well. In the first few months after installation, the colour will fade a little as the product settles. The pictures below shows the rate of fading in a typical north European climate. Once the product has settled, there will be no further loss of colour, even after washing. The NEW product is on the left and the weathered product is on the right.

Graphite Grey (Black)
'Illusion' face



Graphite Grey (Black)
Brushed face



Mocha Brown
'Illusion' face



Mocha Brown
Brushed face



Physical and mechanical properties of LunaComp

Property	Explanation	Standard	LunaComp value
Heat expansion, mm/1°C/1m	Changes in length caused by temperature changes	ISO CEN/TS 11543-1:2007	0,02
Density, g/cm ³	The ratio between the weight and the volume of the product	EN ISO 1183-1	1,23
Bending strength N/mm ²	Three point bending, the higher the value the better the bending strength	SFS-EN 310	25,73
Dimensional changes due to humidity a. Swelling % b. Absorption %	24h sinking test to water % change in thickness %change in weight	SFS-EN 317	0,49 1,02
Surface hardness, N/mm ²	Brinell (comparison value pine 1,6 and oak 3,9)	SFS-EN 1534	15,37
Friction dry Friction wet	0-24 High slip potential 25-35 Moderate slip potential 36 + Low slip potential	CEN/TS 15676 Pendulum-test	63 44

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