



Lunawood ThermoWood® Decking Maintenance and Care

Lunawood ThermoWood® decking is an ecological, chemical-free wood material that requires very little maintenance. Without surface treatment, Lunawood decking will gradually turn grey due to UV exposure and weathering. This natural greying does not affect the wood's stability or resistance to decay. Regular cleaning keeps it in good condition, and the right surface treatment preserves its original brown appearance.

Basic maintenance of Lunawood ThermoWood® decking

Basic maintenance of Lunawood ThermoWood® decking boards during the decking season only requires brushing off loose dirt and washing the surface with water and a soft brush. If the Lunawood decking has been surface treated with decking oil, it should be maintained according to the oil manufacturer's guidelines.

It is also not recommended to use salt or sand as melting agents, as they can damage your decking. To avoid unwanted scratches and surface damage, it is advisable to use a wooden or rubber shovel instead of a metal one when manually removing accumulated snow from the deck.

Greying process and surface impurities

If left untreated, ThermoWood® will gradually turn grey over time. Sun, humidity, shade, and other environmental conditions determine how quickly the wood will grey. Note that Lunawood is a natural wood product, and hairline cracks may occur due to weathering, but these do not affect the product's durability.

Impurities in the air—such as soot, pollen, or metallic dust—can cause small black spots on the surface of the decking. Black spots can also be caused by chromogenic fungi, especially when air humidity is high. In some cases, a decking base containing sulphates combined with water may discolour the wood. For decking that is left untreated, the natural greying process will eventually blend the black spots into the surface. However, washing is required to remove the cause of the spots. If the decking is surface treated, washing and re-oiling are recommended to remove black spots.



Natural greying of untreated Lunawood decking from brown to grey over 12 months in Finland.

Restoring the brown colour of the decking

To preserve the original brown color and protect the surface from UV radiation, regular oiling with a suitable pigmented wood oil is required, according to the oil manufacturer's guidelines. Lunawood decking accepts decking oils suitable for thermally modified wood. Check the product's suitability from the oil manufacturer. Linseed oil is not recommended, as it can promote fungal growth..

Following surface treatments are also suitable for Lunawood decking profiles.

The color shade is the closest to Lunawood's original brown shade among those available:

Osmo Decking Oil - 010 Thermowood
 Teknos Woodex Aqua Wood Oil – Factory brown
 Owatrol Aquadecks – for instance tones:
 Honey, Movingui and Teak
 Bona Decking Oil - for instance tone Teak

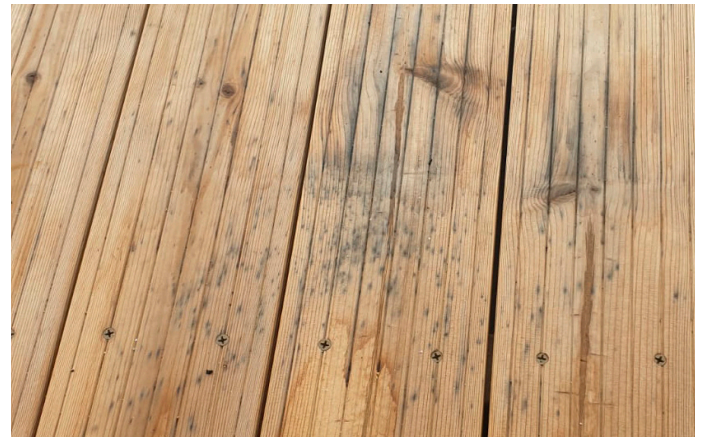
Tikkurila Valtti Plus – wood oil tinted with TVT 5051 or TVT 5071.
 Rubio Monocoat DuroGrit – Gassland beige
 Cutek Extreme - Bronzetone
 Woca oil - Teak

Apply only with clean surface. Care should be taken to apply only sufficient water pressure to remove the discoloured surface and not to raise the grain of the timber. Follow the instructions for the surface treatment agent and always test the product to assess the result.

For more information on application and maintenance, contact your local surface treatment supplier for your project.



Untreated Lunawood decking 2 years after installation. Fine hairline cracks can be seen on the surface.



Impurities can cause small black spots on the surface of a decking.



Lunawood decking 2 years after installation. The decking in the sunny area has turned gray faster compared to the shaded area.



Allas Pool in Helsinki, 5 months after installation. Due to the even exposure to sunlight and moisture, the decking weathered rapidly to grey.