



# Lunawood ThermoWood® Cladding Maintenance and Care

Lunawood ThermoWood® cladding is an ecological, chemical-free wood material that requires very little maintenance. Without surface treatment, Lunawood cladding will gradually turn grey due to UV exposure and weathering. This natural greying does not affect the wood's stability or resistance to decay. A surface treatment can be used to preserve its original brown appearance.

## Basic maintenance of Lunawood ThermoWood® cladding

Basic maintenance of Lunawood ThermoWood® cladding only requires brushing off loose dirt and washing the surface with water and a soft brush when needed. If the Lunawood cladding has been surface treated with a surface treatment agent, it should be maintained according to the manufacturer's guidelines.

## Greying process and surface impurities

If left untreated, Lunawood 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 wood. Black spots can also be caused by chromogenic fungi, especially when air humidity is high. In some cases, soil containing sulphates, combined with water, may discolour the wood if it is located near the cladding.

For cladding 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 cladding is surface treated, washing and re-surface treatment are recommended to remove black spots.



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

## Restoring the brown colour of the cladding

To preserve the original brown color and protect the surface from UV radiation, regular surface treatment with a suitable pigmented wood oil, stain or paint is required, according to the manufacturer's guidelines. Lunawood cladding accepts surface treatment agents suitable for thermally modified wood. Check the product's suitability from the manufacturer.

Linseed oil is not recommended, as it can promote fungal growth.

Following surface treatments are also suitable for Lunawood cladding.

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

Teknos Woodex Premium - TVT 5070

Rubio Monocoat DuroGrit - Grassland Beige

Woca Exterior wood Oil - Teak

Cutek Extreme - Bronzestone and Burnt Ash

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.

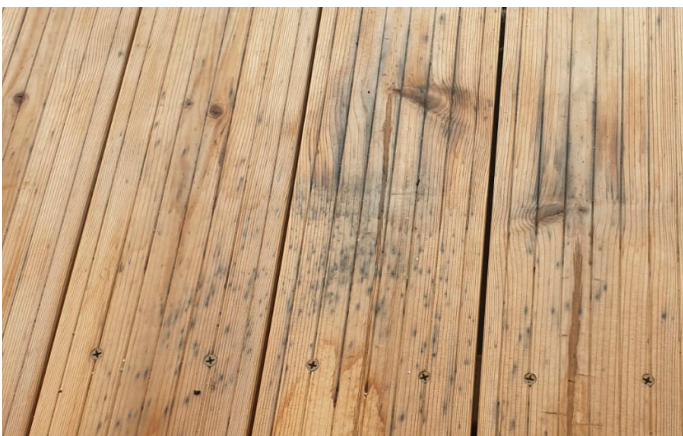
For more information on application and maintenance, contact your local surface treatment supplier for your project.



Surface treated private house in Poland. ©Migdał



Cladding in Portugal 4 years after installation. The surface has taken on a beautiful silver-gray hue. ©Tiago Casanova



Impurities can cause small black spots on the surface of the wood



Cladding in the Netherlands two years after installation. The orientation of the building affects the progression of the greying process. The colour may sometimes appear partially or completely black. Humidity conditions can also influence the prevailing tone.