

ALUMINIUM AS FACADE CLADDING

Here, you get an overview of Nordisk Profil's aluminum lamellae, which are used for our Alufac and Napsu facade systems.

Nordisk Profil's aluminium facades are delivered with the best EPD values and are your guarantee for a sustainable facade choice that leaves a green footprint.

ALUMINIUM LAMELLAE FROM NORDISK PROFIL

All of our aluminum, used for lamellae and the supporting hanging system behind them, is produced exclusively from Greenline aluminium.

Greenline aluminum is 100% collected and recycled aluminium. The energy required for remelting Greenline aluminium is significantly lower compared to the production of primary aluminum.

Greenline aluminium meets the same standards as primary aluminium but has a much lower CO2 footprint, at only 1.8 kg CO2-equivalent/kg, compared to an average of 11.1 kg CO2-equivalent/kg for primary aluminium. (Source: Purso Sustainability Report 2023).

COLOUR CHOICES AND PROTECTION

Aluminium lamellae can be coloured in all RAL and NCS colours, as well as a wide selection of colours with varied gloss levels.

For surface protection, you can choose between powder coating and anodizing:

- **Powder coating** is a surface treatment method that provides a strong and durable finish.
- **Anodizing** increases the thickness of the natural oxide layer on the surface, meaning the material itself forms an extra protective layer that is very resistant to wear.

Both surfaces offer protection against corrosion, wear, weather conditions, and are UV-resistant.

MAINTENANCE

Aluminium is a practical material requiring minimal maintenance, especially when powder-coated or anodized.

However, over time, the material may lose its shine or become discoloured, which is why we recommend cleaning the surface of the lamellae every six months, particularly if they are exposed to saltwater or pollution.

Cleaning aluminium lamellae is done with warm water and a cleaning agent with a pH value of 4-8. A sponge is used to remove dirt, followed by rinsing with clean water.

It's important not to use sponges with rough surfaces or cleaning agents with abrasive properties. For minor surface damage, it is possible to polish away small scratches. However, deeper damage requires professional re-treatment, either through powder coating or anodizing, to restore the protective layer.

HANDLING AND INSTALLATION

Please refer to Nordisk Profil's handling and installation guide for correct handling of lamellae from delivery to installation.