



## Lindab **Aluminium-zinc**

Maintenance instruction for  
products made by Lindab

# Maintenance instruction

For products manufactured of Lindab Aluminium-zinc

## Technical and aesthetical life

Aluminium-zinc is often purchased and sold as an aesthetic product, but one must be aware that it is a rust protection, where the rose pattern and appearance can vary from back- to topside and from coil to coil. The material can also darken unevenly over time, it is a highly living material and no warranties can be made for the appearance.

Aluminium-zinc should therefore be seen more like a technical product and not an aesthetic. Still the appearance is highly appreciated from both architects as well as house owners.

## To consider during construction and use

Lindab Aluminium-zinc must not be stored outside or in a moist environment when free oxygen supply cannot be guaranteed. Meaning when the material is stacked in sheets on a pallet or when in coil form. You will get white and/or black rust on the surface, just like on zinc or galvanized. Even if this is not dangerous to the technical aspect of the material, many do not like the aesthetics of this surface defect.

Damage to the metallic coating may cause poorer protection against environmental stress. Therefore, rust protection must be applied again if this has occurred.

Avoid making marks on the surface with a pencil containing lead. Ink can be used.

## Inspection

Immediately after installation, all loose objects such as brackets, sheet pieces, drill bits and other metal objects should be removed from roof surfaces and roof drainage systems. Regularly check that the roof, wall or roof drainage is clean. Rubbish and dirt keeps the sheet moist and results in an increased risk of corrosion.

## Cleaning

Often the rain is enough to keep the surface clean. The deposits of dirt that the rain can not rinse can be washed off with a soft brush and water. Do this at least once a year. Be extra careful with surfaces found in the so-called rainshadow, that is, where the rain will not rinse off the surface.

## Life time expectancy

Aluminium-zinc is sensitive in combination with copper, lead, wet cement, bitumen, coal and iron. Like many other non-coated materials such as galvanized steel sheet and zinc. Therefore, avoid drains from these substances on the plate as this may cause the surface to corrode. Aluminium-zinc should never have direct contact with wet wood.

Aluminium-zinc shall not be used in alkaline environments with high pH value. Especially not near animal housing, where urine and droppings can influence the air. Pressure-treated wood contains, among other things, copper salts that cause corrosion. A balcony made of pressure-treated wood that is mounted above aluminium-zinc coated roofs destroys the roof in the space of a few years.





## Good Thinking

**At Lindab**, good thinking is a philosophy that guides us in everything we do. We have made it our mission to create a healthy indoor climate – and to simplify the construction of sustainable buildings. We do that by designing innovative products and solutions that are easy to use, as well as offering efficient availability and logistics. We are also working on ways to reduce our impact on our environment and climate. We do that by developing methods to produce our solutions using a minimum of energy and natural resources, and by reducing negative effects on the environment. We use steel in our products. It's one of few materials that can be recycled an infinite number of times without losing any of its properties. That means less carbon emissions in nature and less energy wasted.

**We simplify construction**