

# Building Product and Environmental Declaration

## 1. Basic Data

Product names: Walkway, Roof and façade ladder, Snow fence, Snow stopper, Ridge and roof foot rail, Anchor loop, Roof step, Slipguard, Guardrail, Brackets, Chimney strap

Prepared: 16 June 2017

## 2. Supplier information

Company name: CW Lundberg Industri AB  
Organisation no.: 556099-7461  
Address: Box 138 (Landsvägen 52)  
792 22 Mora

Telephone no.: 46(0)250 55 35 00  
Web site: www.cwlundberg.com  
E-mail: info@cwlundberg.com

### Management System

Environment: Certified according to ISO 14001  
Quality: Certified according to ISO 9001

## 3. Product Information

Country of manufacture: Sweden  
Areas of use: Roof safety

Registrations: BASTA  
Building product  
assessment  
SundaHus

Declaration of Performance and Installation  
Instructions included.

## 4. Constituent Materials

Constituent materials/substances	>Weight % of the entire product* <sup>1</sup>
Magnelis ZM 250	
-Steel core: EN10346	83-98% <sup>2</sup>
-Coating: SEW022	1-2%
Powder enamel* <sup>3</sup>	1-2%
Sealing TPE (TPS-SEBS)	0-2%
Fastener, hot galvanised	0-14% <sup>4</sup>
Fastener, stainless steel, A2	0-2% <sup>4</sup>

<sup>1</sup> Module-based sales items: % share depending on material thickness and specific product.

<sup>2</sup> The amount of recycled material in the crude steel is approximately 20-25%

<sup>3</sup> The substance is not classified as hazardous according to EG 1272/2008.

<sup>4</sup> Maximal total proportion of fasteners is 14%.

## 5. Subcontractors

Contracts are selected that actively work with quality and environmental improvements. The contractors are periodically evaluated.

## 6. Production

The products are made principally of steel sheet metal that is punched, moulded and powder enamelled. The greatest environmental impact is from the consumption of raw materials.

### Energy

100% green energy. Amount of electricity depends on the product.

Production premises are heated by waste heat and district heating.

### Chemical consumption

The products are washed in connection with powder enamelling in a closed system. Alkaline detergent is used.

### Emissions into the air, water or ground

No emissions.

### Residual products

Residual steel is 100% recycled.

Remaining powder enamel, wash water and other residual products are sorted/processed according to the applicable legislation.

## 7. Distribution of Goods

- Products are delivered in cartons, on EU pallets (with or without a collar).
- Return systems for freight carriers of goods are used.
- Transports via lorry to warehouses and customers (see Section 5 Subcontractors).
- CWL is associated with FTI.

## 8. Building Stage

- The product has no particular requirements with regard to storage or surrounding building products.

## 9. Usage Stage

- The product has no requirements with regard to feedstock for operation and maintenance.
- The product has no requirements with regard to energy supply for operation.
- 40-year guarantee in corrosivity class C4
- The enamel prevents emissions of zinc to the land, water and air.

## 10. Demolition

- The products are prepared for dismantling
- The products require no particular protective measures for health and environment with regard to demolition and dismantling.

## 11. Waste Management

- Recycling is possible for all or parts of the product.
- Material recycling is possible for the entire good.
- Refuse code, EWC: 170405 and 170203 (Seal)
- The product is not classified as hazardous waste.