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Environmental work	<p>The company subject to the Swedish Environmental Act and fulfils the current conditions.</p> <p>Listed in REPA-Registret AB.</p> <p>Fulfils the stipulations for internal controls in accordance with AFS 1996:6.</p> <p>Certified management systems in accordance with ISO 9001 and ISO 14001.</p>		

LindabRainline - Copper

Statement of contents

Copper plate, Cu – DHP, EN 1172

1 Component materials

Raw materials¹

The copper content is at least 99.90 %.

Additives

Vegetable-based emulsion lubricant.

The above additive is a small quantity only (<5% of the total raw materials) and varies depending on the product and size.

Recycled material¹

On average, 70% of the copper plate consists of recycled copper.

Origin of raw material

Copper plate is purchased primarily from steel mills in Europe.

2 Production

Energy

Electrical energy is used in the processing of the product. The premises are heated with natural gas. Bottled gas is used for internal transport.

Emissions to water

None

Emissions to air

None except for very small quantities of solvents from the emulsion lubricant in connection with manufacturing.

3 Distribution of finished products

Production site

Förslov, Municipality of Båstad, Sweden.

Means of transport

The products are primarily distributed to customers by truck.

Packaging

The following types of materials are used in packaging:

Packaging	Materials included	Recyclable	Reusable
Crates	Wood	x	x
Crates	Steel	x	x
Shrink film	PE	x	-
Corrugated cardboard	Paper	x	-
Bands	Steel	x	-

4 During construction

No environmental impact. Made-to-measure lengths and standardized sizes eliminate scrap at the construction site.

5 During use

No environmental impact, are included in the mineral's natural cycle². Some buildings with this system installed for >30 years still meet today's norms.

6 Demolition

The system is easy to take apart. Thanks to standardized sizes and low weight, the products are easy to identify, trim and reuse.

7 Waste

Copper plate can be recycled at almost 100%.² 80% of all copper that has been mining since the Bronze Age is still in use.²

8 Indoor environment

The high degree of prefabrication of the products means a good, clean working environment with little heavy lifting. Contact with the product is not harmful during normal handling. The product does not absorb moisture and thus does not give rise to mould.

References

1. <http://www.Outokumpu.com>
2. <http://www.sdda.com> [miljö]