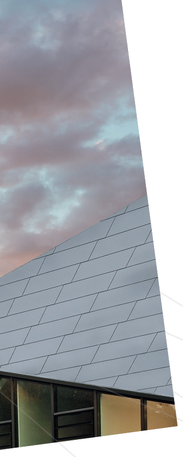


PROPERTY
Leuphana University, Lüneburg, Germany

ARCHITECT OF DESIGN
Studio Libeskind, New York, USA

EXECUTIVE ARCHITECT
rw+ Architekten GmbH, Berlin, Germany

SHEET METAL CONTRACTOR
Blechtechnik Marco Pistorius GmbH, Lichtentanne, Germany

APPLICATION
Façade: Flat-lock tile system

AESTHETICS WITH RESPONSIBILITY.

Extremely low carbon footprint compared to the conventional prePATINA product line.

AESTHETICS THAT LAST.

With titanium zinc from RHEINZINK, you are basically building for eternity.

AESTHETICS THAT RETURN.

100% recyclability according to the Cradle to Cradle principle.

CONVINCE YOURSELF.

References from RHEINZINK.
Inspiring and impressive.

RHEINZINK®

Please find more information and inspiration at www.rheinzink.com
RHEINZINK GmbH & Co. KG · Bahnhofstraße 90 · 45705 Datteln · Germany · Tel.: +49 2363 605-0 · info@rheinzink.de

RHEINZINK®

TITANIUM ZINC
BY RHEINZINK

The key to the world of tomorrow.

DISCOVER NOW:
The material with less carbon: prePATINA ECO ZINC– with a carbon reduction of over 50%.*

The ever-growing human race can only maintain an environment worth living in if it effectively reduces the consumption of resources. First and foremost is the task of drastically reducing carbon emissions.

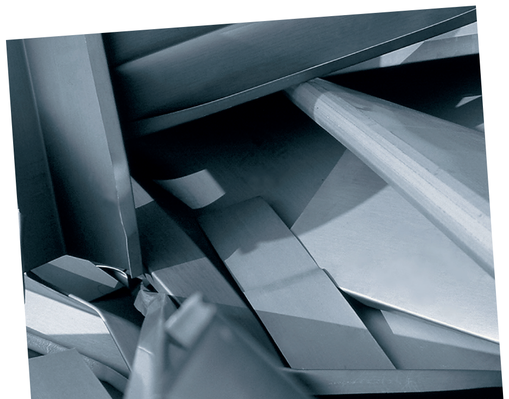
The EU wants to become climate neutral by 2050. There is no doubt that the construction industry also has a great responsibility. At RHEINZINK, a sense of responsibility has long been firmly anchored in our corporate strategy. What others are just discovering as an innovation, titanium zinc has already been for over 50 years: the building material of excellence for future-oriented architecture.

In 2005, the German Federal Environment Agency had the five most important environmental indicators for various building metals calculated on the basis of publicly available, recognised data. The result is clear: zinc comes off best in all five categories examined.

1: UBA Texte 19/05, Dessau, 2005

Unlike other construction metals, zinc has a very low melting point and thus already has a decent head start on other comparable materials.

Dr. Marianne Schönnenbeck, Sustainability Officer at RHEINZINK



THE ADVANTAGES OF TITANIUM ZINC

Positive carbon balance, durability and recyclability: A material that sets standards.

Carbon footprints in comparison

prePATINA ECO ZINC	1.85 kg carbon/kg zinc	
prePATINA	3.99 kg carbon/kg zinc	
Aluminium	6.39 kg carbon/kg aluminium*	

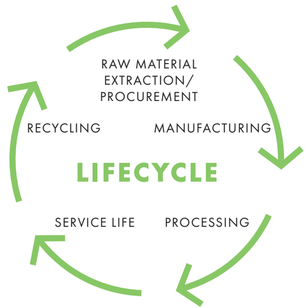
Small carbon footprint
RHEINZINK has had an environmental product declaration drawn up for its products in accordance with internationally recognised standards.[2] The result shows a carbon emission of 3.99 kg carbon/kg for pre-weathered titanium zinc sheet, which corresponds to the highest finishing level. For comparison: Using the same methodology as for pre-weathered zinc, the carbon emissions for strip-coated aluminium sheet are 6.39 kg carbon/kg. This resulted in very good comparative values even before the changeover to prePATINA ECO ZINC.

2: Daten aus IBU-EPDs nach ISO 14025 und EN 15804; jeweils inklusive Recyclinggutschriften

Service life with professional installation

100 years

Extremely durable
Only a truly durable material can also be sustainable.
The search for such products and real quality has developed in recent years as a counter-trend to the throwaway society. A lot will change in 50 or even100 years. RHEINZINK titanium zinc stays what it is during the whole time – and gains aesthetic quality with every year.



100% recyclability
What many call recycling is often merely downcycling.
For RHEINZINK, we therefore speak more appropriately of the Cradle to Cradle principle. After its use, titanium zinc can be correctly sorted by type without effort and reused an infinite number of times in its original quality. Therefore, RHEINZINK products basically have an eternal life.

WE SUPPORT THE BUILDING OF THE FUTURE.

prePATINA becomes prePATINA ECO ZINC – with a carbon reduction of over 50%.*

With prePATINA ECO ZINC, we are taking a big step forward on the path to decarbonisation. prePATINA, the RHEINZINK product line with the pre-weathered surface, is now called prePATINA ECO ZINC. We use the Low Carbon Zinc from our long-standing partner. The raw material is produced in Scandinavia in a much more energy-efficient way.
Proven and certified.
We are proud to be able to significantly reduce our carbon footprint and thus make a valuable contribution to the future.

prePATINA ECO ZINC

RESPONSIBLE ZINC EXTRACTION
Carbon-reduced and conscientious.

EUROPEAN ORIGIN
Raw material of clear origin.

FORWARD-LOOKING AND PROGRESSIVE
Tomorrow in view.


blue-grey


graphite-grey

CONCRETE CARBON SAVINGS

prePATINA ECO ZINC

12.0 kg carbon
per m2 of standing seam roof

3.6 kg carbon
per running metre of gutter

* compared to the previous prePATINA product line