



## THE PATINA LINE

Living Material – in three natural Surfaces

TITANIUM ZINC MADE IN GERMANY

## IMPROVING WITH AGE – THROUGHLY RHEINZINK.



The PATINA LINE is classic RHEINZINK, the world's leading brand for architectural zinc. The timeless elegance of this naturally weathering metal results from a patina that forms with exposure to wetting and drying cycles. A self-healing cladding material requiring little or no maintenance. RHEINZINK-prePATINA exemplifies sustainability through its longevity, recyclability, and compliance with the strictest environmental standards.

### **Living Material – in three natural Surfaces**

Through the process of natural patination, RHEINZINK-prePATINA will, over time, produce a unique finish. As it ages and matures, a distinctive surface develops to lend buildings a timeless elegance. The PATINA LINE is always the first choice when the aesthetics of a living material is desired. It is available in three natural surfaces: prePATINA bright rolled, prePATINA blue-grey and prePATINA graphite-grey. The prePATINA bright rolled is a

shiny, silvery, mill finish that patinates, over time, to a blue-grey. The prePATINA blue-grey has been preweathered to give the look of aged zinc. The prePATINA graphite-grey is a different alloy. A "black" zinc and metallurgically speaking, it is the only such alloy on the market. All three have a distinct look that will continue to patinate and evolve in appearance as the material ages.

### **RHEINZINK – always a good Choice**

To offer even more design possibilities, we now produce our unique material in four different product lines. The PATINA LINE is the classic of these lines – as it ages its beauty improves over time. The PROTECT LINE has a clear coating providing durable surface protection in aggressive climates, prolonging the initial appearance of the material. With COLOR LINE, a pallet of five colors is now available to augment a project. And with the appealing INTERIEUR LINE, RHEINZINK can be used in the design of interiors.

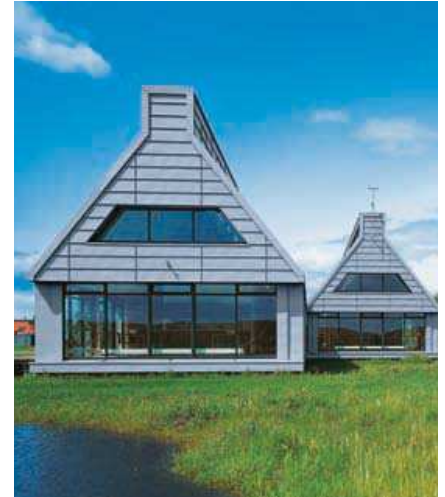




RHEINZINK was declared an environmentally friendly building product. It is inflammable, protects against lightning, and also shields against electromagnetic radiation (IGEF) when properly grounded. It has been certified by TÜV and by Cradle to Cradle. Using RHEINZINK can also bring LEED credits to a project. In addition, the RHEINZINK Company has received ISO certification as an outstanding environmental management organization ac-

ording to ISO 14001: 2004, and quality management according to ISO 9001: 2008 and ISO 5001: 2011 for energy management.

RHEINZINK meets ASTM B-69-11 Types 1 and 2 for Architectural Rolled Zinc. Type 1 is for RHEINZINK-bright rolled and RHEINZINK-blue-grey zinc. Type 2 is for RHEINZINK-graphite-grey. Currently RHEINZINK is the only zinc manufacturer with a Type 2 designation.



### The Sustainable Choice

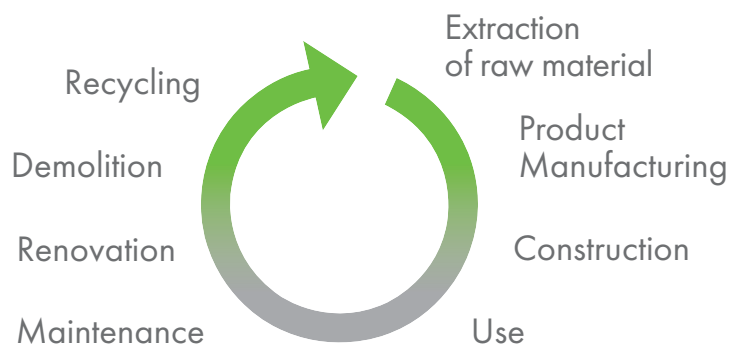
RHEINZINK is the choice when considering future generations, as few building materials have such a small environmental footprint. Such standards are set at the very beginning from the extraction and processing of the raw materials. Modern production methods keep emissions in smelting and processing to a minimum. With the

lowest CO<sub>2</sub> emissions in the production process coupled with the lowest energy requirement for its production, RHEINZINK has the lowest environmental impact of all of the construction metals.

### Preserving and maintaining Value

Even after its service life as building cladding or drainage material, RHEINZINK maintains its value. It can be recycled infinitely without loss of its chemical or physical properties. The purity of architecturally alloyed zinc gives its scrap value; just about guaranteeing that it will not end up in a landfill. Zinc is recycled at a rate of up to 95%. The amount of energy required to recycle it is only 5-10% that required to process raw zinc.

Zinc can last decades, even centuries depending on the situation. As such when life cycle costs are factored in, zinc is one of the most economical choices. And, as a self-healing material, it is low-to-no maintenance resulting in further cost savings.



\* Federal Environment Agency recognized eco-label for construction

