

SURFACE DESIGN WITH RHEINZINK

Plan with Structured Facade Systems

Architects' Darling
Awards 2012

Gold



Heinze

TITANIUM ZINC MADE IN GERMANY

BREAKTHROUGH IN DESIGN – PLAN WITH STRUCTURE



Over many decades, the RHEINZINK facade systems have proved to be an aesthetic and economic protection on the international architecture scene. Their structured design delights the eye. They break up compact surfaces and recreate them in unexpected ways. Feather edges, curves, embossing and perforations give the unique RHEINZINK material an even more innovative look and weightlessness unknown up to now. Light and shadow play their part in generating a fascinating overall effect. Artificial lighting creates spectacular effects that lend architecture, no matter where, a new sense of airiness. Even dominant structures gain a delicate profile from our structured systems.

The Material itself is already an Attraction.

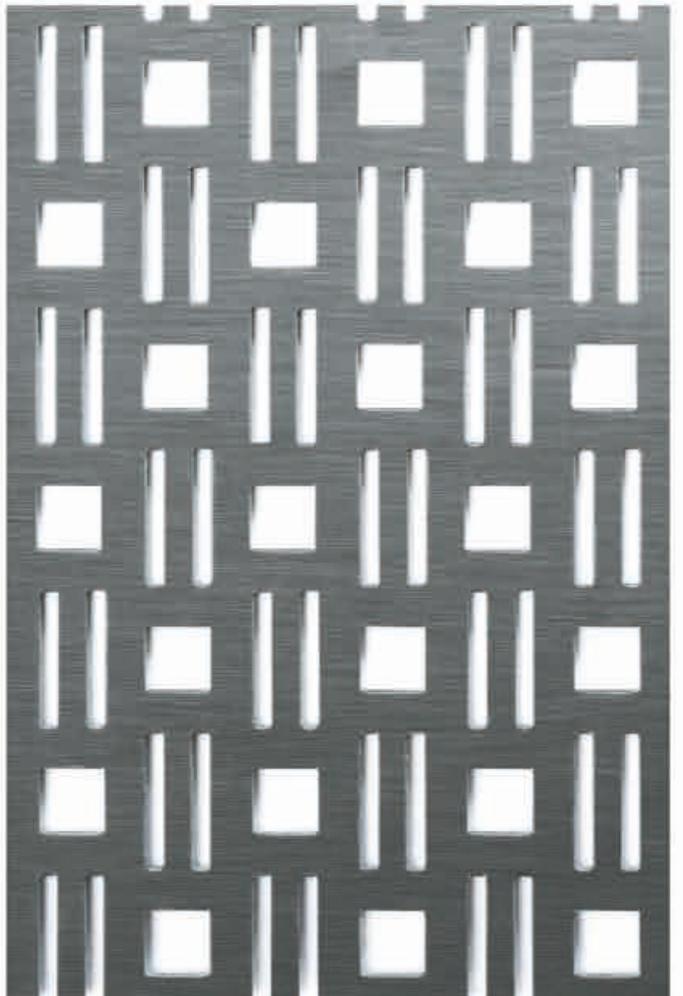
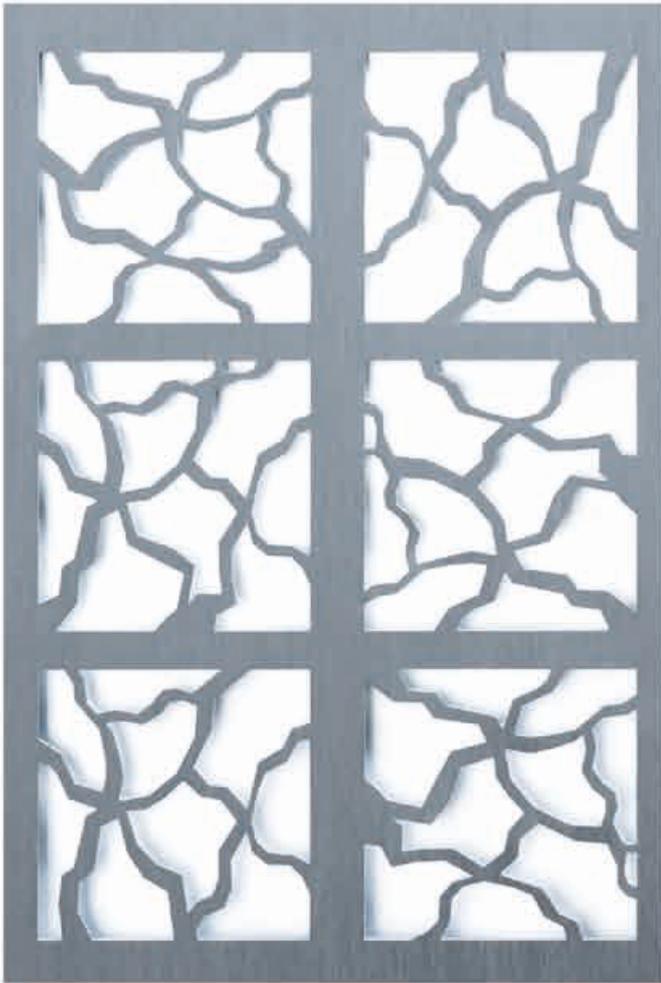
A classic, elegant exterior, a thoroughly natural interior--RHEINZINK captivates with quality and a timeless aesthetic. It is one of very few materials that loses none of its beauty with the passage of time, but instead becomes even more alluring. Developed as cladding for roofs and facades, the material conserves its radiant qualities for a small eternity. Others are only just beginning to recognise the innovative qualities that have been hiding in this 99.995% pure alloy for 45 years. Ecologically exemplary, entirely care and maintenance free, and built with a service life of several generations, RHEINZINK sets standards. The structured styling of the facade elements is also pioneering.

Facades protect against Wind and Weather – and give Buildings their distinctive Profile.

The RHEINZINK-PATINA LINE structured facade systems accomplish both tasks. Whereas the pre-weathered material versions RHEINZINK-prePATINA blue-grey and graphite-grey already possess an aesthetic blue-grey or graphite-grey patina appearance ex works, the grey tone of the bright-rolled design only develops from being exposed to wind and weather. All versions will become increasingly distinctive and charismatic under the natural process of patina formation. The cut edges of the structured surfaces do not need to be treated artificially either, since they develop a natural protective coating the same as the exposed visible surfaces. A surface appearance that lends buildings a timeless elegance.

The structured Facade Systems follow through on your Ideas with Ease.

The flexibility and processing options of the three RHEINZINK-prePATINA versions open up new and greater scope for imaginative design. Expanded mesh, perforated, profile and rectangular structures form the stimulating basic repertoire of modern facade design. Floral and abstract-looking laser cuts inspire unusual design variations with innovative character. For architectural designs demanding even more individuality, RHEINZINK will – on request – take on any shape you might possibly need. If there is a material that gives form to ideas, it is RHEINZINK.

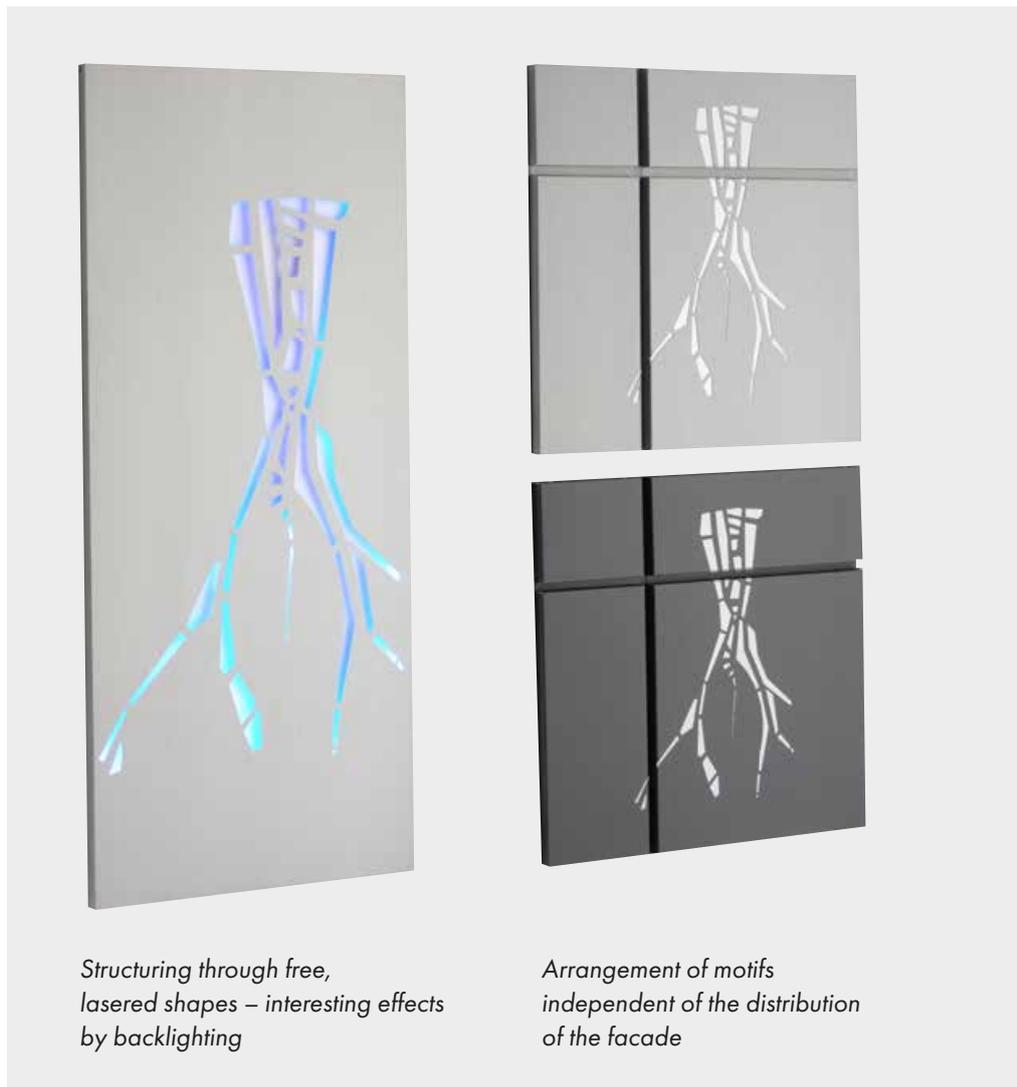


RHEINZINK is a material of the highest quality. The alloy is melted in a single work step, poured, rolled and wound into strips of different thicknesses and designs. The high quality finish is guaranteed through regular controls and extensive laboratory testing. The QUALITY ZINC seal from TÜV Rheinland documents the care taken in the production as does the 30-year quality guarantee for RHEINZINK-prePATINA which exceeds classic warranties. A decision for RHEINZINK is also always a decision for future generations, because very few materials can boast a similar positive ecological balance.

RHEINZINK is more than just a Facade

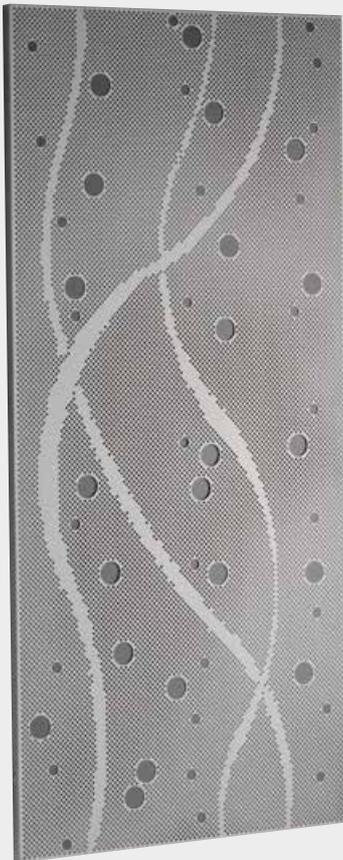
The structured RHEINZINK facade systems provide for a multi-dimensional perception of design. Embossed, profiled, or perforated, they make three-dimensionality visible. They reveal, even when only as a mere surface, an extraordinary three-dimensional effect, which architecture then shows off to the best advantage. It is even more fascinating if natural or artificial light is brought into play. Then it becomes possible to achieve special effects, which stage or even dramatise parts of or the entire building. Facades communicate, ideas become visible, and buildings come alive. Architects could not ask for a more inspiring facade solution.

Thanks to the flexibility and the easy processing of the natural material, surface design with RHEINZINK opens up a large scope for design possibilities – there are virtually no limits to the design of your facades.



- ◀ Motifs by recurring patterns
- ◀ Beaded pattern, combination of perforations
- ◀ Free forms
- ◀ Combination of rectangular and square press cuts

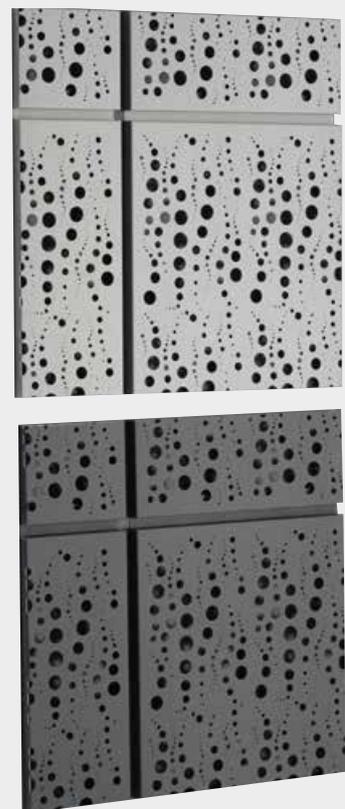
- ▶ Beaded pattern, embossed
- ▶ Lattice, perforated and embossed
- ▶ Meanders, press cut and edging
- ▶ Expanded mesh



Optical effects through perforation versions of 5, 10 and 20 mm in combination with open spaces



Variance through rectangular and square perforation structures and patterns



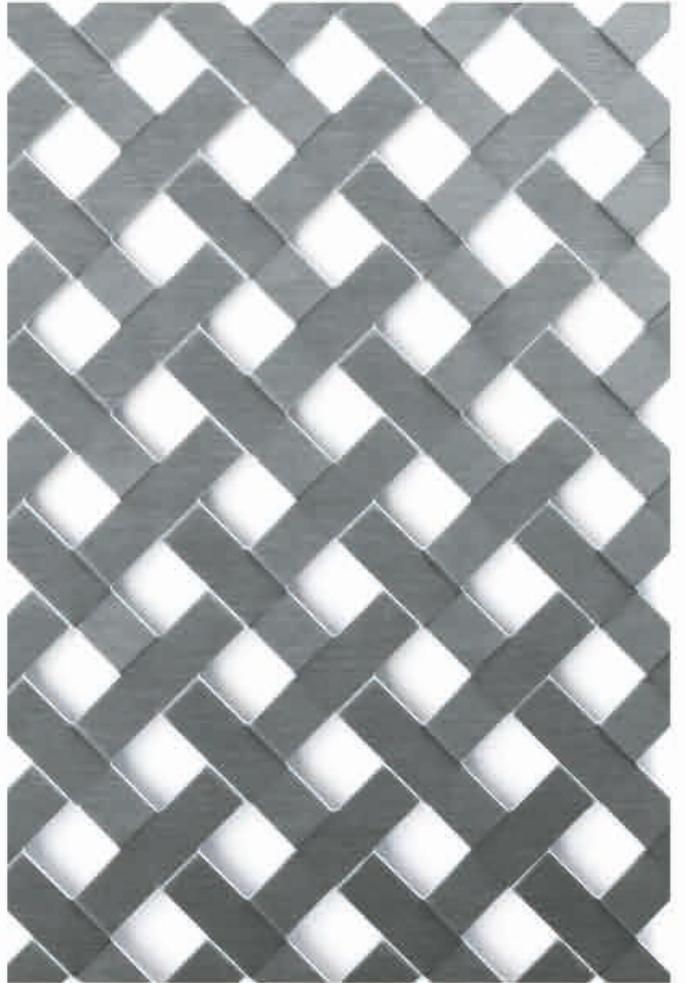
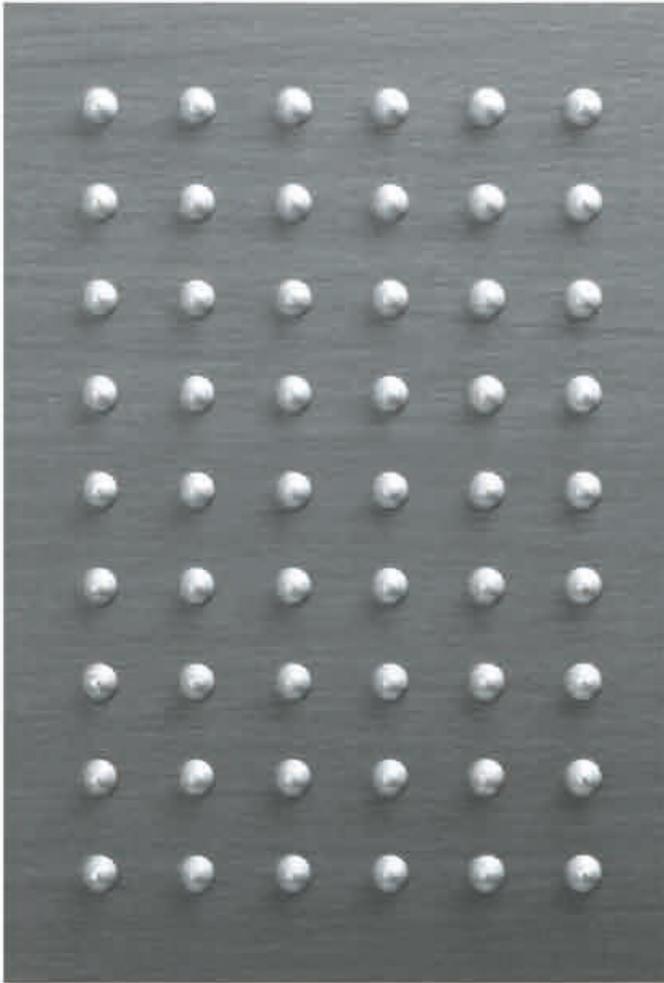
Press cut round perforation structure – combination of perforation sizes

You have the idea – we have the Solution.

On these pages we show you the various surface design options and facade structures with RHEINZINK-pre-PATINA. If you have a visionary idea or are looking for a practical solution, please give

us a call. For a project-related sample, please get in touch with us. The proportion of holes may vary from as much as 10 to 60%. The RHEINZINK-prePATINA material has a thickness of 1.0 to 1.5 mm.

The patterns shown here are examples of countless customizations available to you from among possible surface designs using RHEINZINK-prePATINA. We will pursue your idea!





Would you like to learn more about the natural material RHEINZINK and the different product lines? Give us a call!



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