



RHEINZINK®

RHEINZINK®-ROOF COVERINGS

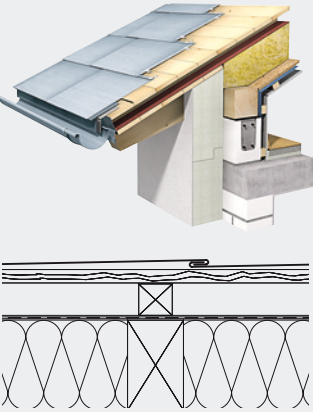




Church dome San Pietro, Gattinara, Italy



Elisabeth Spa, Miskolc, Hungary



RHEINZINK® Tiles

The square and diamond tiles make up the RHEINZINK® small tile group. In contrast to shingles with a similar visual appeal, they have projecting edges on the front surface and backward facing edges on the back in the form of simple joints. They can be produced by a tradesman or internally and thanks to their small format, they create reliable and visually appealing solutions, even when the building shape is geometrically complicated. Almost all curves can be follow-

ed without difficulty. The classic areas of use for the small tiles therefore include covering dormers, chimney tops and roof edges. A further development of the square and diamond tiles are the RHEINZINK® large tiles, used for both roofing and wall cladding, these large tiles are becoming increasingly popular. Their large size offers the designer many alternatives and provides a visual presence which is particularly impressive.



Kaplan Residence, Illinois USA



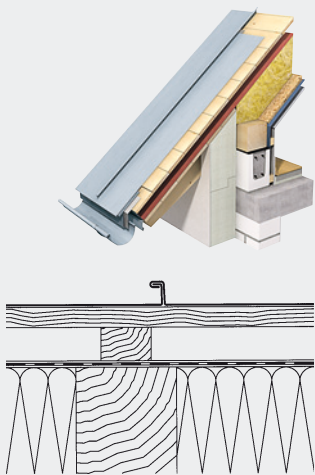
Palais Epstein, Vienna Austria



Private Residences, Stavoren, Netherlands



Private Residence Montaña del Socorro, Tafira Baja, Spain



**RHEINZINK®
Angled Standing Seam**

The so-called angled standing seam is a comparatively recent development within the industry covered by traditional plumbers' techniques: it has only been mentioned consistently since the beginning of the 20th Century in technical literature. It is the usual solution for roofs with an inclination of more than 25°. Closing the seam on preprofiled assemblies is particularly simple as the finished angled standing seam is produced by

simply folding in just one leg of the joint. Therefore the angled standing seam is particularly suitable for visible areas of the design of steeply inclined metal roofs and for example parapets, attics and mansard slopes; whether in classic vertical, angled or horizontal applications. The visual effect produced gives a stronger line than that of the double standing seam resulting in lively and striking structures being achieved.



Private Residence, Bad Iburg Germany



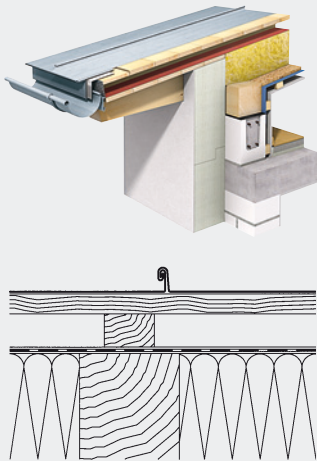
*Administration Building
Brussels, Belgium*



Private Residence, Planá nad Lužnicí, Czech Republic



Apartments on Stone Island, St. Petersburg, Russia



**RHEINZINK®
Double Standing Seam**

The double standing seam is considered to be a further development for zinc material of the original hollow folded joint or single standing seam. Known in the technical literature since 1899, it is given preference over other methods of roofing and could be laid on pitches less than 25°. Here, the name double standing seam characterises one of the classic types of longitudinal joint. The seam was previously produced to a height of 23 mm. However today the double standing seam is produced from preprofiled trays

forming a weathered joint of 25 mm. This is now internationally recognized and the bending and closing of the profiles can be carried out manually or by machine. Special designs such as convex and concave curves or conical assemblies can also be produced without difficulty. Thanks to the wide range of possible variations in its detailing, the fine line design of the double standing seam complements traditional architecture with the same degree of selfassurance as modern designs.



Dunkers Kulturhus, Helsingborg, Sweden



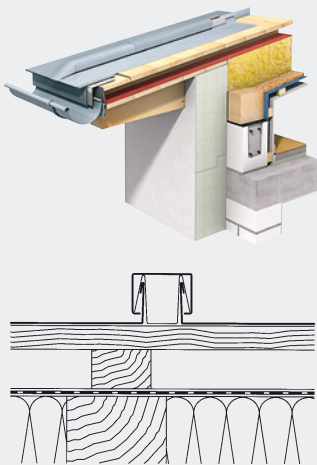
Beach Station, Sentosa Island Singapore



Hôtel du Louvre, Paris, France



Hala Sazka, Praha, Czech Republik



**RHEINZINK®
Click Strip System**

The strip system is considered the most traditional of the plumbing methods currently in use today. The use of wooden strips and zinc cappings has now been replaced by RHEINZINK® click strip holder made from galvanized steel. This is laid between prefabricated trays. The longitudinal joints are then capped in zinc using prefabricated capping profiles. The RHEINZINK® click strip system guarantees ma-

ximum precision and efficient laying suitable for both roofing and façade applications. The strength of the profiles produces harmonious proportions with dominant longitudinal joints. Interesting effects are achieved through shade and light changes. These produce an abundance of colour and brightness when used in combination with other seaming techniques.



*Academy of Art, Dresden
Germany*



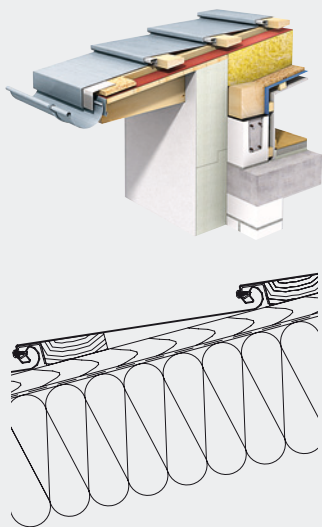
Apartment Building and Business Center, Warsaw, Poland



Private Residence, Neudörfel, Austria



Private Residence, Dresden, Germany



QUICK STEP – The RHEINZINK® Stepped Roof

Modern architecture is always looking for new highlights. RHEINZINK has developed an industrial laying system which combines new design possibilities and simple installation techniques. QUICK STEP – The RHEINZINK® stepped roof innovation, with patented technology, is a completely new type of metal roof covering which represents a high quality alternative to traditional roof coverings and is suitable for a wide range of purposes. QUICK STEP is suitable for a large number of roof shapes, with inclinations between 10 and 75°. In combination with

an appropriate fixing system, the plug-in components made from 0.8 mm "preweathered" RHEINZINK® are prefabricated, guaranteeing that assembly can take place with ease. QUICK STEP also opens up a wide range of possibilities from a design point of view. The step-shaped system creates a strong but elegant format for the roof surface, which integrates harmoniously into every environment. Innovative accessories such as the new connection frame, developed especially for roof penetrations, round off the QUICK STEP as regards both design and style.



Mortuary, Stainz, Austria



Private house, Schweich-Issel Germany



Aesthetic Diversity

RHEINZINK® material is available in three variations:

RHEINZINK®-bright rolled – the original variation. Through the course of natural weathering, the bright rolled material turns a classic blue-grey. The patina provides protection; the material always looks great, without undergoing any additional maintenance or cleaning.

RHEINZINK®-“preweathered^{PRO} blue-grey” and “preweathered^{PRO} graphite-grey” – the elegant variation. These materials leave the factory – with the elegant look of a finished zinc patina. RHEINZINK has patented this

process, which is unique worldwide. The surface appearance changes marginally (influenced by the environment) – the positive properties of the natural surface remain fully intact. Here, too, special maintenance and cleaning is not required; the self-healing properties of the material allow each and every scratch to disappear in a very short period of time.

Regardless of the variation selected – all three meet the highest quality criteria, the requirements of sustainable material, and are subject to voluntary testing as per the “QUALITY ZINC“-Criteria Catalogue.



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Certified Quality

For anyone who appreciates fastidious attention to detail, who creates distinctive work over a period of years and decades, who continues to grow and develop based on an evolving tradition – quality is more than just a word.

For this reason, there are institutions that honour this drive for quality. RHEINZINK has received numerous certificates, which attest the implementation of the highest quality standards.

Our certificates can be downloaded from our website: www.rheinzink.de.

1. QUALITY ZINC Certificate
TÜV-guaranteed quality standards for structural zinc.

2. TÜV Certificate DIN EN ISO 9001:2000 and ISO 14001:2004
TÜV-guaranteed quality management. TÜV-guaranteed environmental management.

3. IGEF Certificate
Certified protection against electro-magnetic radiation.

4. AUB Environmental Declaration
Certified Environmental Compatibility by the "Working Group for Environmentally Proved Building Products", according to DIN ISO 14025, Type III.

