



RHEINZINK® - ROOF COVERINGS

*NATURAL AESTHETICS  
IN ARCHITECTURE*

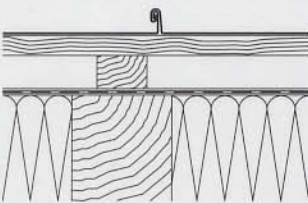
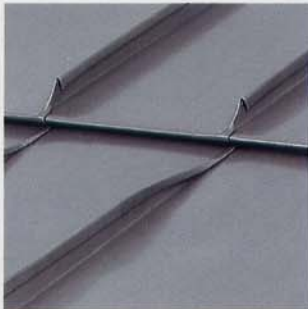




*Musical theatre Neuschwanstein, Füssen, Germany*



*Fire brigade headquarters, Colmar, France*



**RHEINZINK®**

**Double Standing Seam**

The double standing seam is a further development of the original hollow folding joint or single standing seam used for zinc material. Described in technical literature since 1899, it is the preferred method of application for roofs with an angle of 25° or less (minimum slope 3 to 5°). Here, the name "double standing seam" defines one of the classic types of longitudinal joints between roof profiles. With a minimum seam height of 23 mm, the double standing seam is rain-proof without additional measures. Often prefabricated in profiles with a seam height of 25 mm, it has become an international standard. Bending and closing the profiles can be undertaken manually or mechanically using seaming machines. Special designs such



*Airport, Oslo Gardermoen, Oslo, Norway*



*Modern museum, Stockholm, Sweden*

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 self-assurance as modern designs.



*Alpine hut "Cabane de Panossière", Bagnes, Switzerland*



*Government building R5, Oslo, Norway*

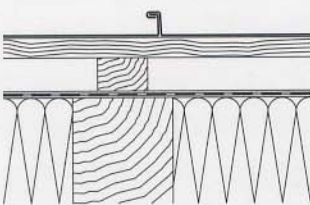


*Residential development, Monza, Italy*



**RHEINZINK®  
Angled Standing Seam**

The so-called angled standing seam is a comparatively recent development in roofing. It has only been mentioned consistently in technical literature since the beginning of the 20<sup>th</sup> Century. It is usually used on roofs having a slope greater than 25°. Closing the seam on prefabricated profiles is particularly easy in comparison to the double standing seam. Simply folding in just one leg of the joint creates the finished angled standing seam. Whether in classic vertical, diagonal or horizontal applications, the angled standing seam is particularly suitable for visible areas of the design of steeply inclined metal roofs and for para-



*Administration building,  
Brussels, Belgium*



*Obecní dům, Prague,  
Czech Republic*

pets, attics and mansard slopes, etc. With a visually broader effect than the double standing seam, the angled standing seam gives even those applications with a large surface area a lively and striking structure.



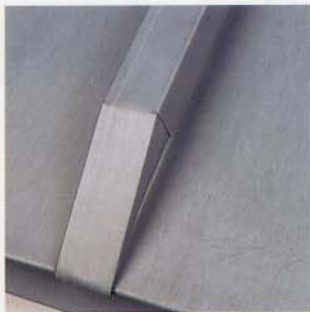
*Private residence, Bad Iburg,  
Germany*



*Residential and business premises, Warsaw, Poland*

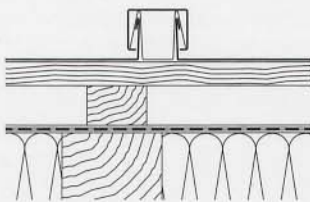


*His Majesty's Theatre, Copenhagen, Denmark*



**RHEINZINK®  
Click Strip System**

The strip system is considered the most traditional of the roofing methods currently in use today. Here, the name "strip seam joint" indicates a type of longitudinal joint in which a wooden strip with clips, or the RHEINZINK® click strip holder made of galvanized steel, is laid between the profiles as the fixing. A strip cap covers both fixing method alternatives. The RHEINZINK® click strip system guarantees maximum precision and efficient installation because the profiles and covering caps are produced in one single process with the aid of a roll-former. Strip systems are popular because their "board and batten" effect is visually appealing. They ensure, both for roof and façades, that their



*Bayerische Landesbank International, Kirchberg, Luxembourg*



*Woodbridge Lodge, Rendlesham, Great Britain*

appearance is harmonious and in proportion. The highly structured effect of the longitudinal joints leads to charming light and shade effects as the angle of light changes. An even greater wealth of variation is created by the combination of the strip seam joint and double standing seam techniques.



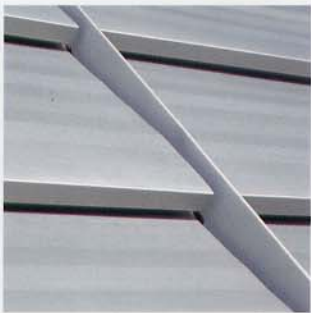
*DeTeMobil Administration building, Bonn, Germany*



Home in Troisdorf-Sieglar, Germany

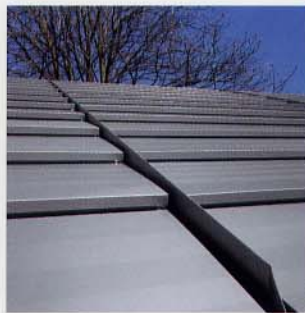
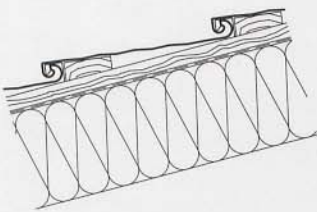


Hebelhaus, Alzenau, Germany



**QUICK STEP® – The RHEINZINK Stepped Roof**

Modern Architecture is always looking for new highlights. With this in mind, RHEINZINK has developed an industrial roofing system, which combines new design possibilities and simple installation in the best possible way: QUICK STEP® the RHEINZINK stepped roof. This innovation, with patented technology, is a completely new type of metal roof covering. It represents a high quality alternative to traditional roof coverings. QUICK STEP® is suitable for a large variety of roof shapes, with inclinations between 10 and 75°. In combination with an appropriate fixing system, the plug-in components made of 0.8 mm thick "preweathered<sup>pro</sup>" RHEINZINK®, most of which are prefabricated, guarantee that the assembly can take place quickly and without any problems. QUICK STEP® also opens up a



House for several generations, Schweich-Issel, Germany



Office building, Ansbach-Eyb, Germany

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, complete the QUICK STEP® system with respect to both design and style.



Savings bank, Weißig, Germany



Kaplan residence, Illinois, USA



Headquarters of the Berlinwasser Holding AG, Berlin, Germany

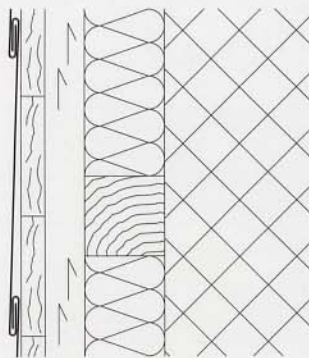


**RHEINZINK®**

**Interlocking Tiles**

Square and diamond tiles make up the RHEINZINK® small interlocking tile group. In contrast to plates or shingles with a similar look, these have hemmed edges (over along the top edge, under along the bottom) which interlock between tiles to form simple joints. They can be produced by a tradesman or industrially, and thanks to their small format, create reliable, attractive solutions, even when the building shape is geometrically complicated. Most curves can be followed without difficulty. The classic areas of use for small tiles therefore include covering dormers, chimney tops and roof edges.

A further development of the square and diamond tile is the RHEINZINK® flat-lock tile. These



Central heat supply unit, Amsterdam, Netherlands



Private house, Hinterbrühl, Austria

have a distinctive rectangular look, and are generally laid perpendicular to the roof slope. RHEINZINK® flat-lock tiles are becoming increasingly popular as an alternative roof covering. In addition to the design advantages, here too their visual effect is appealing.



Csontvari Museum, Pecs, Hungary

Illustration, title page, Pavilion of Hope, EXPO 2000, Hanover, Germany

RZ-CDN-02-02-101-448-1



CERTIFIED BY THE ASSOCIATION FOR ENVIRONMENTALLY PROVED BUILDING PRODUCTS. NUMBER OF CERTIFICATE: Z-RHE199

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