



AIR-Z®

The structured mat from RHEINZINK

RHEINZINK now offers also its own optimised structured mat for RHEINZINK standing seam roof systems. AIR-Z is laid on large areas of underlay (e.g. made of bitumen) with substructures of wooden sheathing or derived timber (e.g. Oriented Strand Board). The main field of application is low-pitched metal roofs with pitches ranging between 3 and 15° or non-ventilated roof coverings and roof structures with a substructure consisting of derived timber products over the entire surface.

For low-pitched standing seam roofs

For installation on tight underlay

Moisture-compensating

Designed to reduce the sound resulting from rainfall

Satisfies the criteria on "Hard roofing" as per DIN 4102 when used in combination with bituminous roof sheeting

The result of
16 years' experience!

Structured mats are designed to allow moisture to dry out, when it is built in or has seeped in under the roof surface due to ice dams and leakage. They also compensate for substructure tolerances (up to approx. 2 mm) and nail marks and improve the slide property of long sections. A further advantage over simple bitumen roof sheeting with an inlay of glass fibre is the improvement in the reduction of sound resulting from rain, which can be as much as 9 dB (A) depending on the construction.

Experience through invention

RHEINZINK is considered to be the inventor of the structured mat. It was developed by our engineers over 16 years ago as the sustainable and dependable solution to the problem of how to reliably protect the substructure of roofs covered with RHEINZINK from waterlogging and how to minimise noise. Since then millions of square metres have been successfully installed and ensure optimum moisture compensation. With AIR-Z we can now offer you a product which is perfectly tailored to our standing seam-roof systems.

Reliable protection from a single source

Opting for a roof made of RHEINZINK always represents a decision for quality at the same time. The perfectly coordinated system structure made up of the AIR-Z structured mat and a RHEINZINK standing seam covering offers you reliable protection from a single source.



Technical data

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| Roll weight: | approx. 16 kg for an area of 75 m ² |
| Roll width: | 1.0 m |
| Roll length: | 75 m |
| Roll diameter: | 0.75 m |
| Weight: | 210 g/m ² |
| Tear strength: | lengthwise 1300 N/crosswise 800 N |
| Melting temperature: | 214 °C |
| Temperature resistance: | -30 °C to +80 °C |
| Fire classification: | E as per EN 13501 |

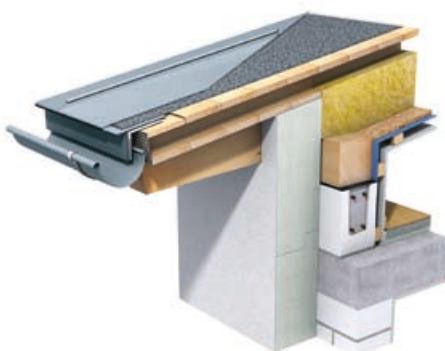


Fig. 1: Commonly used at renovations –
Ventilated roof structure with insulation
installed between rafters



Fig. 2: Non-ventilated roof structure
with full rafter insulation

Detailed information with examples of construction and relevant technical data for various applications are available from ourselves. If you would like to know more, please also see www.rheinzink.com/products