



## VAPOZINC®

The structured underlay with vapour-permeable membrane and self-adhesive seam tape

With VAPOZINC RHEINZINK now also offers a structured underlay for its standing seam roof systems. VAPOZINC is a structured mat backed with a breather roofing membrane and self-adhesive seam tape. It reliably removes any moisture between the substructure and roof covering and can be installed on wooden sheathing as well as large base areas without moisture compensation such as derived timber products or insulation resistant to compression.

**Simple installation**

**Vapour-permeable**

**Moisture-compensating**

**Protection from built-in moisture**

**Seam self-adhesion**

**Satisfies the criteria on "Hard roofing" as per DIN 4102 to a roof pitch of < 20°**

The result of  
16 years' experience!

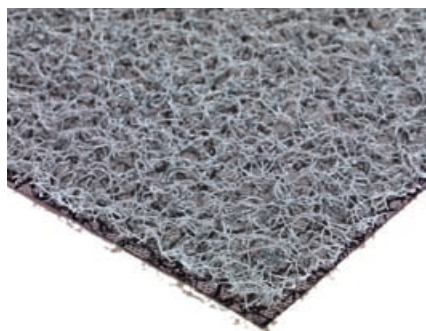
The VAPOZINC structured underlay minimises the ingress of moisture during the construction phase thanks to its vapour-permeable membrane, while its structure simultaneously allows the roof to dry out. A self-adhesive seam 10 cm wide at the edges ensures a reliable join and offers extensive protection from rainwater and wind during the works. VAPOZINC lets the construction breathe, so reliably preventing the roof structure from becoming waterlogged. Roofing materials are also safely protected from corrosion and rotting on a long-term basis.

### 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 VAPOZINC we can now offer you our own structured underlay.

### 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 VAPOZINC structured underlay and a RHEINZINK standing seam covering offers you reliable protection from a single source.



### Technical data

Roll weight:	18 kg for an area of 42 m <sup>2</sup>
Covering width:	1.4 m total width
Roll length:	30 m
Roll diameter:	0.55 m
Weight:	approx. 0.4 kg/m <sup>2</sup>
Tear strength:	lengthwise 5000 N/crosswise 4000 N as per EN 10319 180 N
Tearing resistance to nails:	lengthwise 180 N/diagonal 200 N
Watertightness:	> 2 m water column as per EN 20811
S <sub>d</sub> -value:	0.02 m as per DIN 52615
Water vapour permeability:	1195 g/m <sup>2</sup> /24 h
Watertightness (water column):	5.54 g/m <sup>2</sup> .h.mm Hg
Temperature resistance:	-10 °C to +80 °C
Melting temperature:	163 °C
Fire classification:	E - d2 as per EN 13501

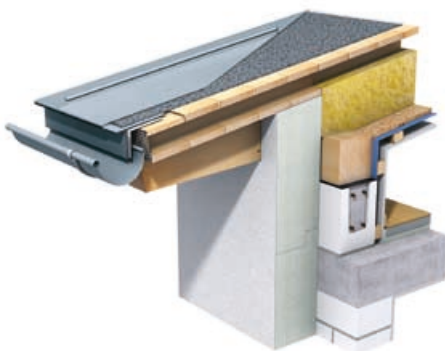


Fig. 1: Commonly used at renovations –  
Ventilated roof structure with insulation  
installed between rafters

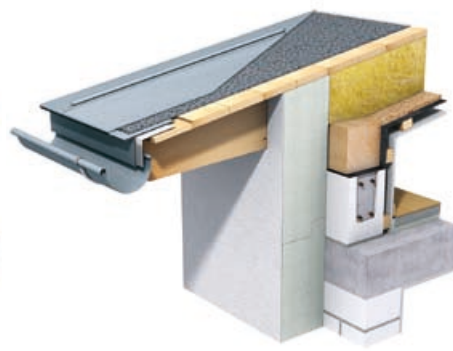


Fig. 2: Non-ventilated roof structure with  
full rafter insulation

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](http://www.rheinzink.com/products)