



UDB-A
USB-A

FIELD OF APPLICATION

- for vented pitched roofs
- for roofs with increased need for rain-tightness
- for installation directly on thermal insulation / wood sheathing

ADVANTAGES

- raintight
- windtight
- six months uv-resistance
- anti-glare
- watertight
- easily cut

RECOMMENDED ACCESSORIES



OMEGA QUILLI



OMEGA Nail-Seal Tape



PE Nail-Seal Tape DSK

OMEGA MONOTOP 330 SK DUO

is a **vapour permeable roof underlay** for installation directly on the thermal insulation or the wood sheathing. The underlay can be welded on the joints. The roof underlay is suitable for roofs with increased need for **rain-tightness** (because of small roof pitch for example). According to German classification it is UDB-A and USB-A. The membrane guarantees **extreme resistance against wind-driven rain** while humidity in form of vapour still can pass the construction.

AVAILABLE IN THE FOLLOWING DIMENSIONS

Roll width	1,5 m
Roll length	25 m
Roll area	37,50 m ²
Roll weight	15 kg

PRODUCT DATA ACCORDING TO STANDARD EN 13859-1 / EN 13859-2

Material composition	monolithic membrane with PP fleece on both sides and two two-way acrylate adhesive strips	
Thickness	1,15 mm	
Colour	grey	
Weight per unit area	330 g / m ²	
Sd - value	0,14 m (+0,04/-0,01)	
Temperature resistance	- 40 °C - + 100 °C	
UV - resistance	6 months	
Resistance to water penetration EN 1928	W1	
Elongation EN 12311-1	45 % (±15)	60 % (±15)
Tensile strength EN 12311-1	400(±30)N/50mm	300(±20)N/50mm
Tear propagation resistance EN 12310-1	300 (±15) N	355 (±15) N
Storage	cool and dry	
Fire performance EN 13501-1/EN 11925-0	E	

INFO :

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GUIDELINES FOR INSTALLATION OF OMEGA ROOF UNDERLAY

(1) Underlay (unsupported)

OMEGA roof underlay is nailed parallel to the eaves with a slight drape and laid and mechanically fixed above the rafters. Vertical overlaps/joins must always lie on a rafter. All overlaps must be bonded with OMEGA Quili. Horizontal underlay panels can be joined using SK-DUO's adhesion as provided or with OMEGA Quili. (no pressure need be applied).

(2) Underlay (supported)

OMEGA roof underlay is laid on sheathing parallel to the eaves. The blankets are fixed with concealed nails spaced at 10 cm at the ridge-side edges (marks at edge). All overlaps/joins must be bonded with OMEGA Quili (without applying pressure) or the integrated adhesive strips (applying adequate pressure). For the raintight version (temporary cover) a nail-seal under the counter batten (OMEGA Quili or OMEGA Nail-seal Tape) is necessary. The single-sided nail-seal tape must be attached to the roof underlay directly beneath the counter batten!

(3) Eaves construction

We recommend an eaves construction with drainage below the gutter so that snowmelt build-up can easily drain off. We recommend the use of a metal sheet to drain off water.

(4) Ridge area

The ridge area is closed directly when covered with OMEGA roof underlay. This provides immediate protection against water penetration. In non-insulated lofts and/or ventilated interior insulation the ridge formation must be made open: the blankets end 3 cm before the ridge apex, counter battens are mounted and a 50 cm wide strip of OMEGA roof underlay must be attached over the roof apex.

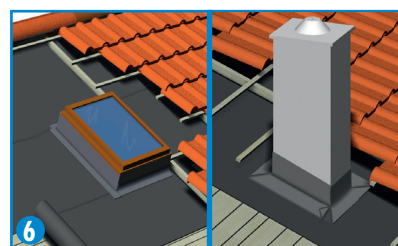
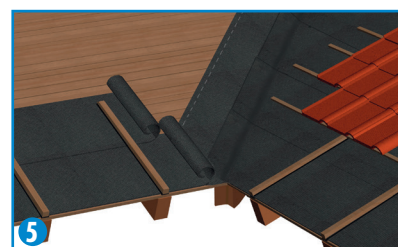
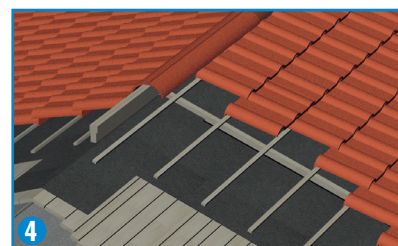
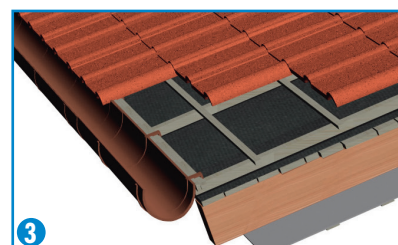
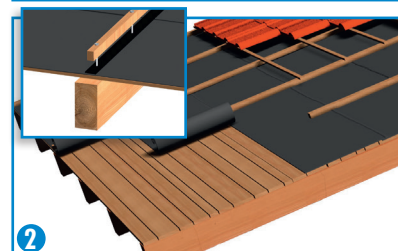
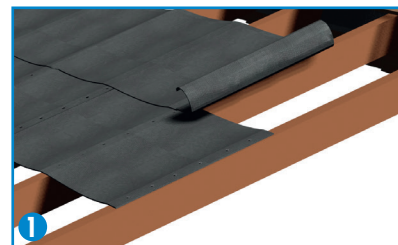
(5) Valley formation

The first step in valley formation is to lay a continuous valley blanket.

(6) Penetrations

Sections cut out for roof penetrations (extractor pipes, roof windows, chimneys, etc.) should be kept as small as possible and the ends of the sheets must be fixed so that no rain or snow can penetrate. To achieve a perfect seal the appropriate sealing tapes and sleeves supplied by ISOCELL GmbH must be used.

Make sure that the substrate is clean! The manufacturer can accept no liability for mechanical damage. The applicable regulations and guidelines (e.g. of the ZVDH (Central Association of German Roofers) for Germany, Austrian Standard, ÖNORM B 4119, for Austria, ...) must be observed! The roof underlay does not replace roof covering.



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