

STEICO *multi UDB*

Vapour permeable windproof membrane



Highly vapour-permeable, airtight, driving rain and windproof membrane

- Wide range of applications - as an airtight membrane e.g. in renovation or as a sarking membrane e.g. as a supplement to sarking boards
- Robust and flexible: 3-layer, coated PP non-woven fabric, high tear resistance
- Especially vapour permeable with a s_d -value of 0.02m
- Secure membrane bonding with 2 integrated self-adhesive zones

Application area



- Airtight layer for STEICO refurbishment solutions
- Universally applicable weathering membrane
- Diffusion-open formwork membrane

Technical data

Production and designation	EN 13859
Fire class (RTF) according to EN 13501-1	E
Classification ZVDH (Germany)	UDB, USB
Temperature resistance [°C]	-40 / +80
Max. tensile force longitudinal [N/5cm]	≥ 290
Max. tensile force transverse [N/5cm]	≥ 210
Elongation at Max. tensile force longitudinal [%]	≥ 50
Elongation at Max. tensile force transverse [%]	≥ 90
Tear resistance longitudinal [N]	≥ 220
Tear resistance transverse [N]	≥ 280
Resistance to water penetration	W1
Seepage resistance after artificial ageing	W1
Suitable as a temporary roof cover [weeks]	4
Outdoor exposure [weeks]	12
Resistance to air penetration [m³/m²]	≤ 0,04 × h according to EN 12114
Minimum roof pitch [°]	≥ 10 ° depending on the standard roof pitch of the roofing

Additional technical data

thickness [mm]	s_d value [m]
0.63	0.02

Forms of delivery

Rolled product

Length [mm]	Width [mm]	Number/pal. [pcs.]	Area/roll [m ²]
50000	1500	20	75

Weight and packing

Rolled product

Length [mm]	Width [mm]	Weight/m ² [kg]	Weight/pcs. [kg]	pac./pal. paper/ cardboard (ap- prox) [kg]	pac./pal. plastic (approx) [kg]	pac./pal. wood (approx) [kg]	Weight./pal. (approx.) [kg]
50000	1500	0.17	13.0	30.00	2.5	16.2	315

Notes

Storage

- Store in a dry place, protected from dirt, sun, and moisture

Disposal

- dispose with normal construction waste, observe applicable legal guidelines

Cutting

- The airtight membrane can be cut to size using a sharp knife or a cutting tool suitable for membranes

Installation

Application as formwork and underlay membrane

- Clean the roof surface in advance and remove any obstructions (nails and sharp objects)
- Lay the membrane with the printed side facing the installer
- Lay parallel starting at the eaves with at least 10 cm overlap
- Only fix within the overlap area (e.g. staples)
- After fixing the membrane in place, remove the protective plastic to apply the self-adhesive strip
- Secure the roofing membrane using STEICO *multi nail* tape and counter battens
- When used as a windproof layer, the membrane must be connected and bonded windproof

Application as an airtight membrane

- When used as an airtight layer, the membrane must be connected and bonded airtight
- Ensure that the membrane is flush with the insulation surface. There must be no gaps between the insulation and the membrane.
- STEICO insulation boards of sufficient thickness must be installed over the membrane.
- Component connections and penetrations must be made airtight with STEICO system accessories

Certificates and quality management



Caption

other abbreviations

pal. Pallet
T&G Tongue and Groove
pac. Packaging
approx. Approximately

Responsible for content

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This document is valid in the following countries:
United Kingdom, Republic of Ireland

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