

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 [m^3/m^2] | ≤ 0,04xh 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 |



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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



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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

The currently valid version can be found at: www.steico.com/tds_stecomulti_udb_gbr-irl_en