

STEICO *multi renova*

Moisture variable, vapour control layer



- Particularly robust and flexible
- 3-layer, coated PP non-woven fabric, mesh reinforced
- Highly tear-resistant
- Moisture variable, Sd-value 0.4-35m
- suitable for air-injected insulation and insulation batts
- Suitable for sub and top installation when sufficient insulation covering is provided by STEICO wood fibre sarking boards

Application area



- For airtight use on the inside of roof, wall and ceiling constructions
- Can be used with moisture-critical structures (appropriate inspection of the structure recommended)
- Suitable for sub and top installation when sufficient insulation covering is provided by STEICO wood fibre sarking boards

Technical data

Production and designation	EN 13984: 2013
Fire class (RTF) according to EN 13501-1	E
Temperature resistance [°C]	-40 to +80
Durability after artificial ageing	Passed according to EN 1296 und EN 1931
UV protection in non-installed state	3 Months
Max. tensile force longitudinal	≥ 300
Max. tensile force transverse	≥ 260
Elongation at Max. tensile force longitudinal [%]	≥ 20
Elongation at Max. tensile force transverse [%]	≥ 18
Tear resistance longitudinal [N]	≥ 230
Tear resistance transverse [N]	≥ 230
s _d -value [m]	0,4 - 35

Forms of delivery

Rolled product

Length [mm]	Width [mm]	Number/pal. [pcs.]	Area/roll [m ²]
50000	1500	20	75
50000	3000	20	150

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	0.10	9.0	30.00	2.5	16.2	235
50000	3000	0.13	18.0	60.00	5.0	16.2	445

Notes

Storage

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

Disposal

- dispose with normal construction waste, observe applicable legal guidelines

Installation

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

Building moisture

- Remove increased indoor humidity (e.g. during the construction phase) by consistent and constant ventilation.
- Occasional shock ventilation is not sufficient to quickly remove large amounts of building-related moisture from the building,
- Set up a building dryer if necessary.
- A maximum relative humidity of 70 % during the construction period must be maintained.
- To avoid condensation, the airtight bonding of the STEICO *multi renova* should be carried out immediately after installation of the thermal insulation. This applies in particular to work in winter.

Installation

Installation with cavity insulation materials

- Lay the membrane with the printed side facing the installer
- Lay parallel or at right angles to the rafters with at least 10 cm overlap
- Ensure that the membrane is flush with the insulation surface. There must be no gaps between the insulation and the membrane. This can be visually inspected thanks to the translucent nature of the membrane.
- Install without tension and avoid creases
- Overlaps, component connections, and penetrations must be made airtight with STEICO system accessories
- Additional mechanical fastening (e.g. battens) must be carried out immediately after installation to support the weight of the insulation material

Installation with blown-in insulation

- The distance between the staples used to fix the vapour barrier to the substructure is max. 10 cm
- Alternatively, the use of STEICO *hard fiber strips* or an additional batten along the rafter is recommended
- Before installing the blown-in insulation, a cross batten with a maximum center distance of 420 mm must be installed
- After installing the insulation, seal the blow-in holes airtight with STEICO *multi tape P* patch
- When laying membrane across gaps between supporting timbers it is recommended to reinforce the overlap bonding crosswise with pieces of STEICO *multi tape* at the centre of the gaps.
- Regional and national regulations and Building laws have to be fulfilled

Certificates and quality management



☰ Caption

other abbreviations

pal. Pallet

T&G Tongue and Groove

pac. Packaging

approx. Approximately