

Gerband Sd Vario® Climate Membrane

Gerband sd vario® climate membrane is a multi-layered vapour barrier with a moisture-variable sd value. It is used indoors in order to build an airtight barrier for the protection of the construction according to DIN 4108.

Product description

Carrier

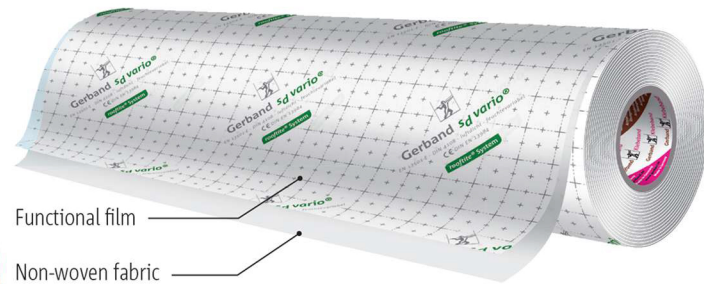
- Composite of a functional PA and PP non-woven,
- Outstanding ageing resistance,
- UV resistant: at least 18 months behind glass and three months in outdoor exposure*.

Colour

- White with print.

Application

- To be applied indoors as a vapor barrier in order to build an airtight barrier for the protection of the construction according to DIN 4108,
- Fulfills the requirements of the EnEV as a moisture-variable vapour barrier and may be used for new buildings as well as for renovation of old buildings,
- The CE sign according to DIN EN 13984 provides the necessary security for the application in constructions to build according to all valid requirements of the EnEV and construction standards,
- Apply at temperatures from +5 °C to +40 °C,
- Enables secure structural-physical building of roof and wall constructions,
- Provides a good and secure desiccation of the construction directly after installation and therefore prevents backwater caused by building and residual moisture that facilitates mildew growth and constructional damages,
- Supports back-diffusion when diffusion currents reverse towards the inside (e.g. caused by strong solar radiation),
- For bonding barrier overlaps, penetrations and repair spots, we recommend Gerband 586,
- For connections to constructional elements we recommend our universally formable butyl-rubber tape Gerband 605,
- For all connections we recommend Gerband FORTAX® 6400,
- Store in dry rooms from +5 °C to +25 °C, protected from UV-radiation.



Technical Data

Grammage (DIN EN 1849-2)	85 g/m ² (± 5 g/m ²)
Max. Tensile Strength (DIN EN 13859-1)	80 - 120 %
- lengthwise	150 N / 50 mm
- crosswise	125 N / 50 mm
Elongation at max. tensile strength (DIN EN 13859-1)	
- lengthwise	≥ 200 %
- crosswise	≥ 225 %
Resistance to tear propagation (DIN EN 13859-1)	
- lengthwise	≥ 25 N
- crosswise	≥ 25 N
Temperature range	-40 °C to +80 °C
Diffusion-equivalent air layer thickness (sd-value)	0.25 ≤ sd ≤ 5.0; moisture-variable**
Static air layer thickness	2.02 m
Fire performance (DIN EN 13501-1) Class E	corresponds to B2 acc. to DIN 4102
Water resistance	passed
CE Certificate	passed