

## Technical Data Sheet

Product unique type no: 3703

Product name: **Tape Isobasalt**

Product type: Singel side low-stretch tear-resistant sealing tape



*Trust the tape that sticks*

<b>Characteristics and information</b>	<b>Tape Isobasalt</b>		
<b>Dimensions (roll)</b>	Width 50 mm. Length 25 m		
<b>Color</b>	Transparent, with green print		
<b>Tape carrier</b>	Polyetylen foil		
<b>Thickness</b>	0,27 mm (EN 1942)		
<b>Glue</b>	Pressure-sensitive acrylic adhesive (VOC free class A+, solvent-free, plasticizer-free+) environment friendly		
<b>Amount of adhesive</b>	200-210 g/m <sup>2</sup>		
<b>Reinforcement</b>	Polyester (PES) reinforcing mesh		
<b>Adhesive coating material</b>	Silicone coated paper, white		
<b>Adhesive strength (peel strength)</b>	≥ 25 N/25mm (EN ISO 29862)		
<b>Shear strength</b>	120 min, 500 g / 625mm <sup>2</sup> (EN ISO 29863)		
<b>Water vapor resistance</b>	sd ca 30 m		
<b>Temperature resistance</b>	-30°C / +80°C		
<b>Installation temperature</b>	Recommended +5°C / +30°C (allowed to use from -5°C)		
<b>Adhesion time</b>	The initial adhesion occurs immediately after applying the pressure intended for installation. Final adhesive strength at +5°C occurs 24 hours after installation. In the range of -10°C to +5°C, the final nail develops more slowly (72h or more). At temps < -10°C, the final adhesion process slows down and continues as the temp. rising.		
<b>UV resistance</b>	Up to 3 month		
<b>Assessments</b>	Initial tack: very strong	Aging resistance: very good	Moisture resistance: very good
<b>Packaging</b>	Cardboard box, 12 rolls, 12 x 25lm = 30lm		
<b>Storage</b>	Store in a dry place, without UV radiation, at a constant temperature. +10°C / +25°C, max. 24 months		



### Tape usage

Isobasalt is an indoor tape that can also be used outdoors (if direct exposure to UV radiation is limited to a 3-month period).

Isobasalt is a construction tape, with what is possible to seal (sealing tape) the joints, overlaps and grommets of roof underlays, facade wind barriers, vapor barriers and air barriers.

Isobasalt is suitable for sealing joints, overlaps and grommets on the following adhesive surfaces:

- flexible roll materials (film, membrane, foil, paper, cardboard) including underlays, wind barriers, vapor barriers, air barriers, etc.
- rigid materials such as wood and wood-based boards (plywood, OSB, DWD, etc.), plasterboard, cement and gypsum fiberboard, various metal surfaces, various plastic surfaces, glass surfaces
- mineral adhesive surfaces such as stone, concrete, plaster

Tape Isobasalt fulfills all requirements (established for long-lasting sealing solutions for creating air-, wind- and rain-proof connections) resulting from German, Swiss and Austrian standards (EnEV, DIN4108-7, DIN4108-11 incl. aging, ÖNORM B 8110-2, SIA 180) and is in full compliance with the requirements set forth in European directives (2000/53/CE, 2002/95/CE, REACH).

TDS vers 02\_07.8.2023EN