

### Technical data



Material		
Sealant	Dispersion based on acrylic acid copolymers and ethanol. Free from plasticisers, halogens	
Cartridge	PCR (recycled)	
Property	Regulation	Value
Colour		Green
Bond durability, non-aged/aged	DIN 4108-11 / EN 17990	Passed
Elasticity		High elasticity
Application temperature		-10 °C to 50 °C ; 14 °F to 122 °F
Temperature resistance		Permanent -40 °C to 80 °C ; -40 °F to 176 °F
Storage		Down to -20 °C; -4 °F, cool and dry
Passive House Certification	Passivhaus Institut	phA

### Areas of application

- Creation of airtight seals for vapour control and airtight membranes of all kinds, including all pro clima vapour control membranes and airtight membranes (e.g. INTELLO, INTELLO X, DB+, DASATOP and DA).
- Creation of windtight seals for roofing underlay membranes of all kinds (PP, PET). Sealed joints with the SOLITEX MENTO series, SOLITEX QUANTHO, SOLITEX ADHERO or SOLITEX UM connect, for example, meet the requirements specified by the German ZVDH product data sheets.
- Creation of windtight seals for breather membranes (e.g. SOLITEX FRONTA series).
- Sealing overlaps and joints for trickle protection membranes.

### Coverage

#### Delivery form Content Bead width Coverage

Cartridge	310 ml	5 mm	~15 m
		8 mm	~6 m
Foil tube	600 ml	5 mm	~30 m
		8 mm	~12 m

### Supply form

Art. no.	Contents	Coverage	Weight	Sales unit	Container	GTIN
10106	0.31 l	5 mm bead: ~15 m; 8 mm bead: ~6 m	0.376 kg	20	1200	4026639016270
10107	0.6 l	5 mm bead: ~30 m; 8 mm bead: ~12 m	0.625 kg	12	720	4026639016287

### Advantages

- ✓ Reliable adhesion even during frosty conditions: can be worked with above -10 °C
- ✓ Particularly durable: adhesion for 100 years, independently tested and confirmed
- ✓ Ensures firm and permanently elastic adhesion
- ✓ Ensures reliable joints: penetrates deep into the subsurface, remains elastic
- ✓ Test winner in April 2012 with the German product-testing foundation 'Stiftung Warentest'
- ✓ Construction in adherence with standards: for airtight sealing in accordance with DIN 4108-7, SIA 180 and RE 2020
- ✓ Can be stored down to -20 °C. Material does not freeze in the tube
- ✓ Excellent values in hazardous substance testing, has been tested according to the ISO 16000 evaluation scheme

### Substrates

Clean subsurfaces before applying adhesive. Mineral surfaces (plaster or concrete) may be slightly moist. Adhesion is not possible on frozen surfaces. There must be no water-repellent substances (e.g. grease or silicone) on surfaces to be sealed. Subsurfaces must have sufficient stability – if necessary, a mechanical support (pressure lath) must be used (e.g. on crumbling subsurfaces).

Permanent adhesion is achieved on all pro clima interior and exterior membranes, on other vapour control and airtight membranes (e.g. those made of PE, PA, PP and aluminium) and on other underlay and breather membranes (e.g. those made of PP or PET). Seals can be created on mineral subsurfaces (e.g. plaster or concrete), roughly sawn or planed wood, and hard wood-based panels (chipboard, OSB, plywood, MDF panels).

The best results in terms of achieving a well-protected structure are achieved on high-quality subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests may be necessary in certain cases.



## General conditions

The adhesive joints created must not be subjected to tensile forces.

The product achieves its final level of strength only when it has dried. This should be taken into account if airtightness measurements are to be carried out or if blown-in insulation material is to be installed directly after application of this adhesive. It may be advisable to implement protective measures such as mechanical reinforcements in the case of subsurfaces that have insufficient stability.

Ventilate continuously and systematically to prevent build-up of excessive humidity; use a dryer if necessary.



Tested for hazardous substances according to



Made in Germany  
developed and produced by



The information provided here is based on practical experience and the current state of knowledge. We reserve the right to make changes to the recommended designs and processing or to make alterations due to technical developments and associated improvements in the quality of our products. We would be happy to inform you of the current technical state of the art at the time you use our products.

Further information about application and construction is given in the pro clima planning documentation and application recommendations. If you have any questions, please call the pro clima technical hotline Ireland and UK:

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For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

**As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.**



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