



## Technical data

Substance		
Component	Dispersion based on acrylic acid copolymers and ethanol. Free from plasticisers, halogens	
Property	Regulation	Value
Colour		green
Properties		very tensile
Bonding requirement, non-aged/aged	DIN 4108-11	passed
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		up to -20 °C; -4 °F, cool and dry

## Application

- ✓ For creating airtight joints between vapour check and airtightness membranes of all kinds, including all pro clima vapour checks and airtightness membranes (e.g. pro clima INTELLO, INTELLO X, DB+, DASATOP and DA).
- ✓ Bonding windtight joints between roof lining membranes of all kinds (PP, PET). The bonded joints between pro clima SOLITEX MENTO series and SOLITEX UM connect, for example, meet the requirements specified by the German ZVDH product data sheets.
- ✓ Windtight bonded joints between wall lining membranes (e.g. pro clima SOLITEX FRONTA series).
- ✓ Bonding overlaps and joints between trickle protection membranes (e.g. pro clima RB).

## Coverage data

Delivery form	Content	Bead	Coverage
Cartridge	310 ml (10.5 oz)	5 mm (3/16")	~ 15 m (50 ft)
		8 mm (5/16")	~ 6 m (20 ft)
Foil tube	600 ml (20.3 oz)	5 mm (3/16")	~ 30 m (100 ft)
		8 mm (5/16")	~ 12 m (40 ft)

## Advantages

- ✓ Reliable adhesion even during frosty conditions: can be worked with above -10 °C (14 °F)
- ✓ 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 bonding in accordance with DIN 4108-7, SIA 180 and RE 2020
- ✓ Can be stored down to -20 °C (-4 °F). 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 sticking. Mineral surfaces (plaster or concrete) may be slightly moist. Adhesion to frozen surfaces is not possible. The substrate material must be free of water-repellent substances (e.g. grease or silicone). Subsurfaces must be stable - 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, other vapour-check and airtight membranes (e.g. those made of PE, PA, PP and aluminium) as well as other roof and wall lining membranes (e.g. those made of PP and PET). Bonds can be created on mineral subsurfaces (e.g. plaster or concrete), roughly sawn and planed wood same as hard wood-based panels (chipboard, OSB, plywood, MDF panels).

The best results in terms of structural stability are achieved on high-quality subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests are recommended in certain cases.

## General conditions

The bonds should not be subjected to tensile strain. The product achieves its final level of strength only when it has dried. It may be advisable to use mechanical reinforcements to protect the installation area.

Once membranes have been stuck, the weight of the insulation material must be supported by laths. Adhesion should be supported by additional laths, if necessary. Ventilate continuously and systematically to prevent build-up of excessive humidity; use a dryer if necessary.

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 the application and construction can be found in the pro clima planning documentation. For queries please call the pro clima technical hotline on +49 (0)6202 278245.

**MOLL**  
**bauökologische Produkte GmbH**  
 Rheinalstraße 35 - 43  
 D-68723 Schwetzingen  
 Fon: +49 (0) 62 02 - 27 82.0  
 eMail: info@proclima.de





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