



## Technical data

Substance		
Protective and covering fleece	Polypropylene microfibre	
Membrane	monolithic TEEE	
Adhesive	special pressure sensitive acrylic adhesive	
Release film	silicone-coated PE film, split 25/125 cm (~10"/49")	
Attribute	Regulation	Value
Colour		dark blue
Surface weight	EN 1849-2	240 ±5 g/m <sup>2</sup> ; 0.79 ±0.02 oz/ft <sup>2</sup>
Thickness	EN 1849-2	0.70 ±0.05 mm ; 28 ±2 mils
Water vapor resistance factor μ	EN ISO 12572	570
sd-value	EN ISO 12572	0.40 ±0.08 m
sd-value humidity variable	EN ISO 12572	0.3 - 0.8 m
g-value		2.0 ±0.4 MN-s/g
g-value humidity variable		1.5 - 4 MN-s/g
Vapour permeance	ASTM E96	7 US perms
Vapour permeance humidity variable	EN ISO 12572	4.1 - 11 US perms
Fire rating	EN 13501-1	E
Exposure time		3 months
Protection against outdoor exposure during construction for wooden frame structures/CLT ceilings		14 days
Water column	EN 20811	10 000 mm ; 32' 10"
Water tightness non-aged/aged*	EN 1928	W1 / W1
Airtightness		passed
Tensile strength MD/CD	EN 13859-1 (A) / -2 (A)	250 ±30 N/5 cm / 200 ±30 N/5 cm ; 29 ±3 lb/in / 23 ±3 lb/in
Tensile strength MD/CD aged*	EN 13859-1 (A) / -2 (A)	190 ±20 N/5 cm / 160 ±20 N/5 cm ; 22 ±2 lb/in / 18 ±2 lb/in
Elongation MD/CD	EN 13859-1 (A) / -2 (A)	70 ±20 % / 80 ±20 %
Elongation MD/CD aged*	EN 13859-1 (A) / -2 (A)	40 ±20 % / 50 ±20 %
Nail tear resistance MD/CD	EN 13859-1 (B) / -2 (B)	250 ±30 N / 240 ±30 N ; 56 ±7 lbf / 54 ±7 lbf
*) Artificial ageing by long term at 100 °C ; 212 °F	EN 1297 / EN	passed
Flexibility at low temperature	EN 1109	-40 °C ; -40 °F
Temperature resistance		permanent -40 °C to 100 °C ; -40 °F to 212 °F
Thermal conductivity		2.3 W/(m·K)
Roof lining membrane	ZVDH Produktdatenblatt	UDB-A
Temporary roof covering; suitable as ...	ZVDH	yes
CE labelling	EN 13859-1/-2	available

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



## Area of application

Allows airtightness to be created on wood-based products and mineral substrates – e.g. on the exterior side of unplastered (fair-faced) masonry or concrete components with joints.

Thanks to its full-surface adhesion, the membrane provides temporary protection for intermediate ceilings and floors on multi-storey CLT (cross-laminated timber) or wooden-frame buildings during the construction period. It also protects wall elements and roof structures with a roof pitch of greater than 14° for a period of up to 3 months.

In addition, it fulfils the requirements of the Central Association of the German Roofing Trade (ZVDH) for temporary coverings on roofs for the specified time period.

## Advantages

- ✓ Protects the structure: Diffusion-permeable and maximum protection against driving rain
- ✓ Keeps building components dry by means of a pore-free moisture-active functional membrane
- ✓ Easy and reliable installation thanks to its split release film
- ✓ Sticks immediately to substrates with sufficient load-bearing capacity
- ✓ Permanent protection thanks to the high resistance to ageing and heat of the TEEE membrane
- ✓ 3 months of outdoor exposure

## Substrates

Before adhesion is carried out, substrates should be brushed off, wiped clean with a cloth or cleaned using compressed air. Adhesion to frozen surfaces is not possible. There must be no water-repellent substances (e.g. grease or silicone) on materials to be bonded. Substrates must be sufficiently dry and stable.

Bonding and joints are possible on planed and painted wood, hard plastics and metal (e.g. pipes, windows etc.), hard wood-based panels (chipboard, OSB, plywood, MDF and wood fibre underlay panels) and mineral substrates such as concrete, non-plastered masonry or plaster.

Pretreatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlay panels. Concrete or plaster substrates must not be sandy or crumbling.

It is your responsibility to check the suitability of the substrate; adhesion tests are recommended in certain cases. Pretreatment with TESCON PRIMER is necessary in the case of substrates with insufficient stability.

## General conditions

SOLITEX ADHERO is to be installed with the printed side facing the installation technician; it can be installed on stable substrates (e.g. OSB, chipboard, MDF, plywood sheets, wood fibre underlay panels, layers of plaster (e.g. gypsum, lime, lime cement), masonry, concrete etc.). The membranes can be installed on walls either vertically or horizontally in an overlapping, waterproof manner. If significant rain loads are expected (e.g. in roof areas or on walls with high loads of driving rain), horizontal waterproof installation is recommended.

To achieve airtight installation, membranes must be installed with no folds or creases. When installing the membranes, rub them firmly into place using PRESSFIX XL.

SOLITEX ADHERO can provide temporary protection for intermediate ceilings and floors on multi-storey CLT (cross-laminated timber) or wooden-frame buildings during construction for a period of up to 14 days.

It can also be used on exterior walls.

Additionally, it can be used as a temporary covering for up to 3 months to protect inclined roofs with a roof pitch of greater than 14° in accordance with the regulations of the Central Association of the German Roofing Trade (ZVDH).

In addition, system components such as the TESCON NAIDECK nail sealing tape and the KAFLEX / ROFLEX pipe and cable grommets are to be used. The specifications in the regulations of the German Roofing Trade are to be taken into account when carrying out installation and adhesion.



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