

pro clima

SOLITEX ADHERO system



Reliable solutions for sealing building envelopes



Ecological Building Systems

For stockist information and full technical support for your project, please contact Ecological Building Systems or visit www.EcologicalBuildingSystems.com



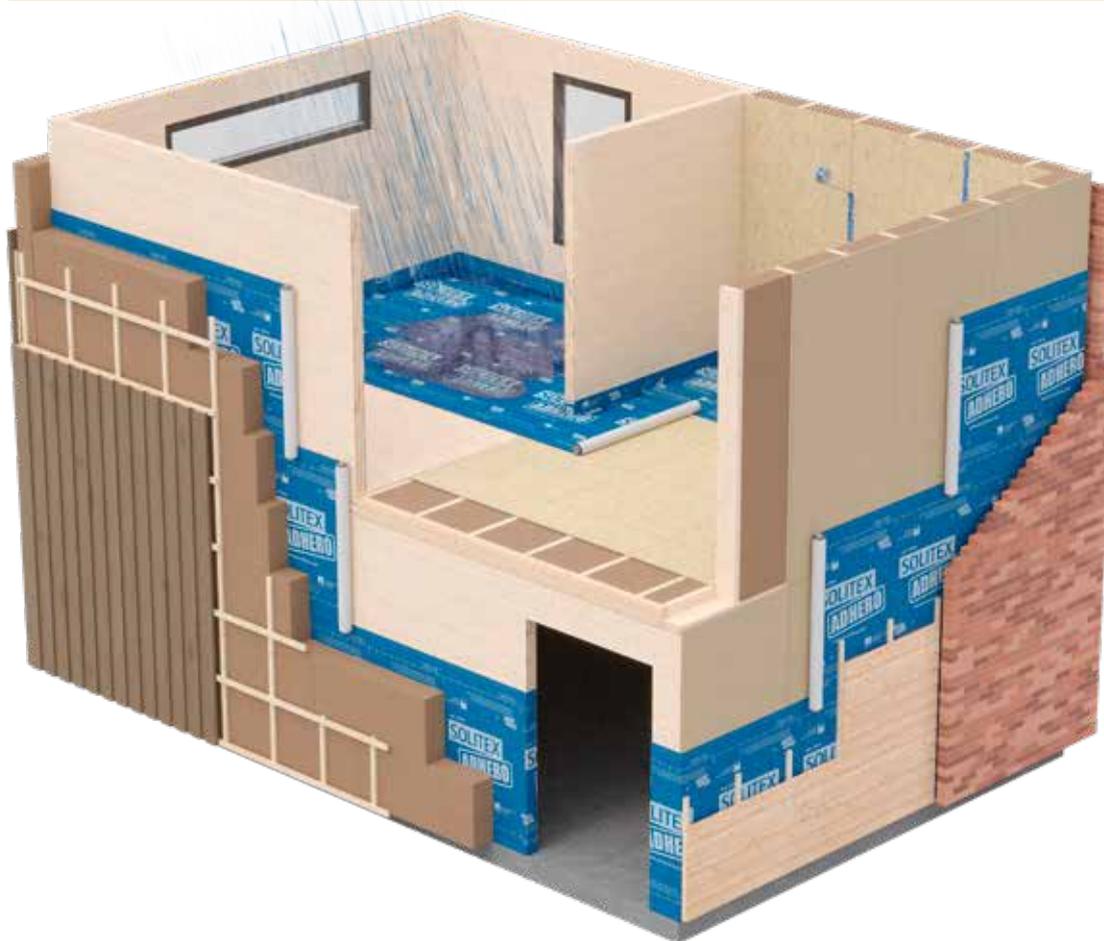


SOLITEX® ADHERO system

Steep roofs and walls: allows airtightness to be achieved on wood-based products and mineral substrates – e.g. on the exterior side of unplastered (fair-faced) masonry or concrete components with joints. It fulfils the requirements of the Central Association of the German Roofing Trade (ZVDH) for temporary coverings on roofs for the specified time period. Temporary protection for ceilings/floors during construction: thanks to its full-surface adhesion, this product provides temporary protection for intermediate ceilings and floors on multi-storey CLT (cross-laminated timber) or wooden-frame buildings during the construction period.

Advantages

- ✓ Protects the structure: diffusion-open 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 that have sufficient stability
- ✓ Permanent protection thanks to the high resistance to ageing and heat of the TEEE membrane
- ✓ Up to 5 months of outdoor exposure



System core components



SOLITEX ADHERO 1000 /3000
Full-contact self-adhesive, protects walls and intermediate ceilings/floors against moisture



TESCON VANA
Provides permanent, reliable adhesion that is airtight and rainproof – both indoors and outdoors

**100 YEARS
ADHESION**

✓ successfully tested
✓ unique worldwide

TESCON VANA - TESCON No. 1 - UNI TAPE - ORCON F

proclima.com/100years



ORCON F
Creates reliable joints with rough or mineral adjacent building components



ADHERO Floor Drain
Facilitates simple, reliable drainage of temporary sealing during the construction period



Sealing of floors during the construction period



Installation steps

Detailed installation steps for the sealing of floors during the construction period can be found here:



Airtightness and weather protection for walls

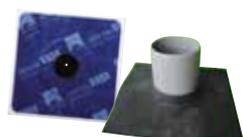


Installation steps

Detailed installation steps for airtightness and weather protection for walls can be found here:



Supplementary products for detail solutions



KAFLEX / ROFLEX
Allows for quick, reliable joints to cables and pipes



TESCON PRIMER RP / TESCON SPRIMER
Primes and strengthens subsurfaces in a simple, quick and permanently reliable manner



AEROFIXX
For easy spraying as part of the AEROSANA system



AEROSANA VISCONN / AEROSANA VISCONN FIBRE
Easy-to-use, time-saving system for creating joints



AEROSANA FLEECE
Seals holes of up to a maximum of 70 mm in diameter and joints (e.g. for roof refurbishment from the outside) within the AEROSANA VISCONN system

... and the insulation is perfect





SOLITEX® ADHERO 1000/3000

Light/medium-weight, full-surface adhesive, permeable airtightness and weathering-protection membrane

PRESSFIX XL

Pressing aid for pro clima SOLITEX ADHERO

Technical data

	SOLITEX ADHERO 1000	SOLITEX ADHERO 3000
Protective and covering fleece	Polypropylene microfibre	Polypropylene microfibre
Membrane	monolithic TEEE	monolithic TEEE
Adhesive	special acrylate adhesive	special acrylate adhesive
Release film	silicone-coated PE film, split 25/125 cm (~10"/49")	silicone-coated PE film, split 25/125 cm (~10"/49")
Attribute	Value	Value
Colour	dark blue	dark blue
Surface weight	180 g/m ² ; 0.59 oz/ft ²	240 g/m ² ; 0.79 oz/ft ²
Thickness	0.55 mm ; 22 mils	0.70 mm ; 28 mils
Water vapour resistance factor μ	545	570
s_d value / humidity variable	0.30 m / -	0.40 m / 0.3 - 0.8 m
g value / humidity variable	1.5 MN-s/g / -	2.0 MN-s/g / 1.5 - 4 MN-s/g
Vapour permeance / humidity variable	11 US perms / -	7 US perms / 4.1 - 11 US perms
Fire rating	E	E
Outdoor exposure for pitched roofs	3 months	with pitch $\geq 14^\circ$: 4 months
Outdoor exposure walls	3 months	5 months
Outdoor exposure protection for floor during construction	4 weeks	4 weeks
Water column	10 000 mm ; 32' 10"	10 000 mm ; 32' 10"
Water tightness non-aged/aged*	W1 / W1	W1 / W1
Airtightness	-	passed
Tensile strength MD/CD	200 N/5 cm / 150 N/5 cm ; 23 lb/in / 17 lb/in	250 N/5 cm / 200 N/5 cm ; 29 lb/in / 23 lb/in
Tensile strength MD/CD aged*	140 N/5 cm / 100 N/5 cm ; 16 lb/in / 11 lb/in	190 N/5 cm / 160 N/5 cm ; 22 lb/in / 18 lb/in
Elongation MD/CD	75 % / 75 %	70 % / 70 %
Elongation MD/CD aged*	35 % / 25 %	40 % / 50 %
Nail tear resistance MD/CD	120 N / 200 N ; 27 lbf / 45 lbf	170 N / 220 N ; 38 lbf / 49 lbf
*) Durability after artificial ageing at 100 °C ; 212 °F	passed	passed
Flexibility at low temperature	-40 °C ; -40 °F	-40 °C ; -40 °F
Temperature resistance	permanent -40 °C to 100 °C ; -40 °F to 212 °F	permanent -40 °C to 100 °C ; -40 °F to 212 °F
Thermal conductivity	0.04 W/(m-K) ; 0.3 BTU-in/(h-ft ² -F)	0.04 W/(m-K) ; 0.3 BTU-in/(h-ft ² -F)
Roof lining membrane	UDB-B	UDB-A
Temporary roof covering; suitable as ...	yes	yes
CE labelling	available	available

Forms of delivery

Product	Art. no.	GTIN	Length	Width	Contents	Weight	Sales unit	Container
SOLITEX ADHERO 1000	1AR02757	4026639227577	30 m	1.50 m	45 m ²	8.5 kg	1	24
SOLITEX ADHERO 3000	1AR01513	4026639215130	30 m	1.50 m	45 m ²	12 kg	1	24

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.

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