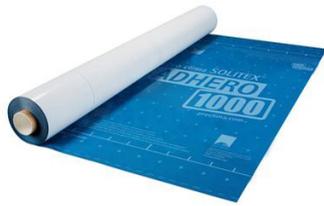


SOLITEX ADHERO 1000

Light-weight full-surface adhesive, diffusion-open airtightness and weathering-protection membrane



Technical data

		Material
Protective and covering fleece		Polypropylene microfibre
Membrane		Monolithic TEEE
Adhesive		Special acrylate adhesive
Release film		Silicone-coated PE film
Property	Regulation	Value
Colour		dark blue
Surface weight	EN 1849-2	180 g/m ² ; 0.59 oz/ft ²
Thickness	EN 1849-2	0.55 mm ; 22 mils
Water vapour resistance factor μ	EN ISO 12572	545
sd value	EN ISO 12572	0.30 m
g value		1.5 MN·s/g
Vapour permeance	ASTM E96	11 perms
Fire rating	EN 13501-1	E
Outdoor exposure for pitched roofs $\geq 14^\circ$ ($\geq 3:12$)/walls		3 months
Outdoor exposure protection for floor during construction		4 weeks
Hail resistance	EN 13583	passed
Hail impact resistance, pitched roofs/ closed facades	VKF (AEAI)	Class HR 5
Roofing underlay membrane (Ger.)	ZVDH-Produktdatenblatt 2024	UDB
Suitable as temporary roof covering (Germany)	ZVDH	yes
Water column	EN ISO 811	10 000 mm ; 32' 10"
Watertightness, non-aged/aged*	EN 1928	W1 / W1
Tensile strength MD/CD	EN 13859-1 (A) / -2 (A)	200 N/5 cm / 150 N/5 cm ; 23 lb/in / 17 lb/in
Tensile strength MD/CD, aged*	EN 13859-1 (A) / -2 (A)	140 N/5 cm / 100 N/5 cm ; 16 lb/in / 11 lb/in
Elongation MD/CD	EN 13859-1 (A) / -2 (A)	75 % / 75 %
Elongation MD/CD, aged*	EN 13859-1 (A) / -2 (A)	35 % / 25 %
Nail tear resistance MD/CD	EN 13859-1 (B) / -2 (B)	120 N / 200 N ; 27 lbf / 45 lbf
*) Durability after artificial ageing	EN 1297 / EN 1296	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		0.04 W/(m·K) ; 0.3 BTU·in/(h·ft ² ·°F)
CE labelling	EN 13859-1/-2	yes

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Further information about installation and design details is available in the pro clima planning documentation. If you have any questions, please contact [pro clima Technical Support](<https://proclima.com/service/technical-support>).

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Areas of application

Temporary protection for floors during construction

Thanks to its full-surface adhesion, this membrane provides temporary protection for intermediate floors/ceilings on multi-storey CLT (cross-laminated timber) or wooden-frame buildings during the construction period.

Pitched 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. For roofs, it also fulfils the requirements of the Central Association of the German Roofing Trade (ZVDH) for a roofing underlay and for temporary coverings for the specified time period.

Split of the release film

Membrane width Split (approx.)

0.5 m (19 3/4")	No split
1 m (39 1/2")	0.25 0.75 m (10" 29 1/2")
1.5 m (59")	0.25 1.25 m (10" 49")

Supply forms

Art. no.	GTIN	Length	Width	Contents	Weight	Sales unit	Container
1AR02757	4026639227577	30 m	1.5 m	45 m ²	8.5 kg	1	24
1AR04031	4026639240316	30 m	1 m	30 m ²	6 kg	1	36
1AR04033	4026639240330	30 m	0.5 m	15 m ²	3 kg	1	108

Advantages

- ✓ Protects the structure: diffusion-open and maximum protection against driving rain and hail
- ✓ 4 weeks of outdoor exposure when protecting floors during construction
- ✓ 3 months of outdoor exposure for inclined roofs and walls
- ✓ 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

Substrates

Temporary protection for floors during construction

Clean substrates before applying the membranes – remove any protruding elements. Adhesion is not possible on frozen surfaces. There must be no water-repellent substances (e.g. grease or silicone) on materials to be bonded. Substrates must be sufficiently dry and stable.

It is your responsibility to check the suitability of the substrate; adhesion tests are recommended in certain cases.

Pitched roofs and walls

Clean substrates before applying the membranes. Adhesion is not possible on frozen surfaces. There must be no water-repellent substances (e.g. grease or silicone) on materials to be sealed. Substrates must be sufficiently dry and stable.

Sealing and joints are possible with 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, unplastered masonry or plaster. 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. Pre-treatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlay panels or substrates that have insufficient stability.

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General conditions

Temporary protection for floors during construction

SOLITEX ADHERO 1000 is to be installed with the printed side facing the installation technician; it can be installed on stable substrates consisting of boards (e.g. CLT, OSB, chipboard and plywood sheets). Recesses in the substrate – such as slots, grooves etc. – can lead to increased seepage underneath SOLITEX ADHERO membranes and should be avoided, if possible. To achieve waterproof installation, membranes must be installed with no folds or creases. When installing the membranes, rub them firmly to secure the adhesive bond using a brush or the PRESSFIX XL tool, for example.

If SOLITEX ADHERO 1000 is to be stuck to floor/ceiling elements during the pre-fabrication stage, TESCON VANA must be used to tape the element/membrane joints. Select the tape width so that a width of at least 5 cm (2") is covered by the tape on both of the elements. Ensure that a width of at least 5 cm (2") of TESCON VANA covers SOLITEX ADHERO 1000 at joints too. Continue the sealed transition to a height of approx. 10-15 cm (4" - 6") at adjacent vertical elements.

SOLITEX ADHERO 1000 can provide temporary protection for intermediate floors/ceilings on multi-storey CLT (cross-laminated timber) or wooden-frame buildings during construction for a period of up to 4 weeks.

Water must be drained from the surface of the building component, e.g. using ADHERO Floor Drain. A short-term build-up depth (max. 24 hours) of 30 mm (1 1/4") should not be exceeded.

Pitched roofs and walls

SOLITEX ADHERO 1000 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 to secure the adhesive bond using the PRESSFIX XL tool.

This product can also 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 of the applicable national regulations are to be taken into account when carrying out installation and adhesion.



Made in Germany
developed and produced by
pro clima



CE
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EN 13859-1/-2

UK
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