

# SOLITEX® ADHERO 3000

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



## Technical data

|                                | Material                       |
|--------------------------------|--------------------------------|
| Protective and covering fleece | Polypropylene microfibre       |
| Functional film                | Monolithic TEEE                |
| Adhesive                       | Water-resistant SOLID adhesive |
| Release film                   | Silicone-coated PE film        |

| Property  | Regulation                  | Value   |
|---|-----------------------------|---|
| Colour  |                             | Dark blue                                     |
| Surface weight  | BS EN 1849-2                | 240 g/m <sup>2</sup>                          |
| Thickness   | BS EN 1849-2                | 0.70 mm                                       |
| Water vapour resistance factor $\mu$                          | BS EN ISO 12572             | 570   |
| sd value  | BS EN ISO 12572             | 0.40 m  |
| sd value, humidity-variable                                   | BS EN ISO 12572             | 0.3 - 0.8 m                                   |
| g value   |                             | 2.0 MN-s/g                                    |
| g value, humidity-variable                                    |                             | 1.5 - 4 MN-s/g                                |
| Fire class  | BS EN 13501-1               | C - s1,d0                                     |
| Outdoor exposure for pitched roofs with pitch $\geq 14^\circ$ |                             | 4 months                                      |
| Outdoor exposure walls  |                             | 5 months                                      |
| Outdoor exposure protection for floor during construction     |                             | 28 days                                       |
| Hail resistance   | BS EN 13583                 | Passed  |
| Hail impact resistance, pitched roofs/ closed facades         | VKF / AEAI                  | Class HR 5                                    |
| Hail impact resistance, floors/walls                          | VKF / AEAI                  | Class HR 4                                    |
| Roofing underlay membrane (Ger.)                              | ZVDH-Produktdatenblatt 2024 | UDB   |
| Suitable as temporary roof covering (Germany)                 | ZVDH                        | Yes   |
| Water column  | BS EN ISO 811               | 10 000 mm                                     |
| Watertightness, non-aged/aged*                                | BS EN 1928                  | W1 / W1                                       |
| Airtightness  |                             | Passed  |
| Tensile strength MD/CD  | BS EN 13859-1 (A) / -2 (A)  | 250 N/5 cm / 200 N/5 cm                       |
| Tensile strength MD/CD, aged*                                 | BS EN 13859-1 (A) / -2 (A)  | 190 N/5 cm / 160 N/5 cm                       |
| Elongation MD/CD  | BS EN 13859-1 (A) / -2 (A)  | 70% / 70%                                     |
| Elongation MD/CD, aged*                                       | BS EN 13859-1 (A) / -2 (A)  | 40% / 50%                                     |
| Nail tear resistance MD/CD                                    | BS EN 13859-1 (B) / -2 (B)  | 170 N / 220 N                                 |
| *) Durability after artificial ageing at 100 °C ; 212 °F      | BS EN 1297 / BS EN 1296     | Passed  |
| Flexibility at low temperature                                | BS 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)                                  |
| CE labelling  | BS EN 13859-1/-2            | Yes   |

## 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.

## Supply forms

| Art. no. | GTIN          | Length | Width | Splits on release film | Contents          | Weight  | Sales unit | Container |
|----------|---------------|--------|-------|------------------------|-------------------|---------|------------|-----------|
| 1AR01513 | 4026639215130 | 30 m   | 1.5 m | 0.25   1.25 m          | 45 m <sup>2</sup> | 14.5 kg | 1          | 24        |
| 1AR04027 | 4026639240279 | 30 m   | 0.5 m | No split               | 15 m <sup>2</sup> | 5 kg    | 1          | 72        |
| 1AR04029 | 4026639240293 | 30 m   | 1 m   | 0.25   0.75 m          | 30 m <sup>2</sup> | 10 kg   | 1          | 48        |

## Advantages

- ✓ Protects the structure: diffusion-open and maximum protection against driving rain and hail
- ✓ Up to 4 weeks of outdoor exposure when protecting floors during construction
- ✓ Flexible planning of construction schedules: outdoor exposure for pitched roofs with a roof pitch of greater than 14°: 4 months, walls: 5 months
- ✓ Keeps building components dry by means of a pore-free moisture-active functional membrane
- ✓ Easy and reliable installation thanks to its split release film – adheres immediately to substrates that have sufficient stability
- ✓ Reliable sticking of membrane overlaps thanks to water-resistant SOLID adhesive
- ✓ 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 surfaces where adhesives are to be applied. 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 surfaces where adhesives are to be applied. 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.

## General conditions

### Temporary protection for floors during construction

SOLITEX ADHERO 3000 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 3000 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 is covered by the tape on both of the elements. Ensure that a width of at least 5 cm of TESCON VANA covers SOLITEX ADHERO 3000 at joints too. Continue the sealed transition to a height of approx. 10-15 cm at adjacent vertical elements.

SOLITEX ADHERO 3000 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.

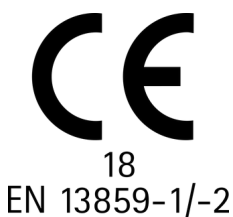
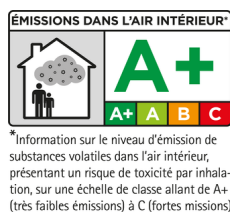
Water must be drained from the surface of the building component, e.g. using ADHERO Floor Drain. A short-term build-up depth (max. 24 hours) of 30 mm (1 1/4") should not be exceeded.

**Pitched roofs and walls**

SOLITEX ADHERO 3000 is to be installed with the printed side facing the installation technician; it can be installed on stable substraces (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 4 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.



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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