

SOLITEX ADHERO® VISTO

Transparent full-surface adhesive airtightness and weathering-protection membrane



Technical data

| | Material |
|-----------------|--------------------------------|
| Functional film | Polyethylene copolymer |
| Protective film | Polypropylene |
| Adhesive | Water-resistant SOLID adhesive |
| Release film | Silicone-coated PE film |

| Property | Regulation | Value |
|---|-----------------------------|--|
| Colour | | Translucent |
| Surface weight | BS EN 1849-2 | 210 g/m ² |
| Thickness | BS EN 1849-2 | 0.35 mm |
| Water vapour resistance factor μ | BS EN 1931 | 8 570 |
| sd value | BS EN 1931 | 3 m |
| g value | ASTM E96 Procedure B | 15 MN-s/g |
| Reaction to fire classification | BS EN 13501-1 | C-s1, d0 |
| Outdoor exposure | | Cen./Nth. Europe Et Canada/Nth. US: 3 months; RoW: 6 weeks |
| Driving rain test | ZVDH / TU Berlin | Passed |
| Hail resistance | BS EN 13583 | Passed |
| Hail impact resistance, floors/walls | VKF / AEA | Class HR 5 |
| Slip resistance | DGUV Test | R10 / V - |
| Roofing underlay membrane (Germany) | 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) | 190 N/5 cm / 180 N/5 cm |
| Elongation MD/CD | BS EN 13859-1 (A) / -2 (A) | 60% / 60% |
| Nail tear-resistance MD/CD | BS EN 12310-1 | 250 N / 250 N |
| *) Durability after artificial ageing | BS EN 1297 / BS EN 1296 | Passed |
| Flexibility at low temperature | BS EN 1109 | -40 °C |
| Temperature resistance | EN 1109, EN 1296, EN 1297 | Permanent -40 °C to 80 °C |
| 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 weathering-protection for intermediate floors on multi-storey CLT (cross-laminated timber) or wooden-frame buildings during the construction period.

Supply form

| Art. no. | Length | Width | Splits on release film | Contents | Weight | Sales unit | Container | GTIN |
|----------|--------|-------|------------------------|-------------------|---------|------------|-----------|---------------|
| 1AR04302 | 30 m | 0.3 m | No split | 9 m ² | 2.5 kg | 2 | 170 | 4026639243027 |
| 1AR04051 | 30 m | 0.5 m | No split | 15 m ² | 3.5 kg | 1 | 72 | 4026639240514 |
| 1AR04036 | 30 m | 1 m | 0.25 0.75 m | 30 m ² | 7 kg | 1 | 48 | 4026639240361 |
| 1AR04026 | 30 m | 1.5 m | 0.25 1.25 m | 45 m ² | 10.5 kg | 1 | 24 | 4026639240262 |

Advantages

- ✓ Protects the underlying structure against weathering during the construction phase
- ✓ 3 months of outdoor exposure in Central/Northern Europe, Canada and the northern United States; 6 weeks in the rest of the world
- ✓ Highly transparent: all markings, connectors and notches/recesses on timber floors remain visible
- ✓ Excellent occupational safety, even in wet conditions: anti-slip behaviour certified by German Social Accident Insurance (DGUV)
- ✓ Water-resistant SOLID adhesive ensures reliable adhesion to the subsurface and within overlap areas
- ✓ Acts as a stable separating layer for additional floor structures / timber-concrete composite (TCC) floors
- ✓ Improved noise insulation and protection against toxic gases during fires thanks to airtight floor/ceiling structures

Substrates

Clean subsurfaces 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. Subsurfaces must be sufficiently dry and stable.

It is your responsibility to check the suitability of the subsurface; adhesion tests may be necessary in certain cases.

General conditions

Temporary protection for floors during construction

SOLITEX ADHERO VISTO is to be installed with the printed side facing the installation technician; it can be installed on stable board substrates (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 sweeping brush or the PRESSFIX XL tool, for example.

If SOLITEX ADHERO VISTO is to be applied to floor elements during the pre-fabrication stage, TESCON VANA can be used to tape the element/membrane joints on the construction site. There should be a width of at least 5 cm of tape on each element. Alternatively, the SOLITEX ADHERO VISTO strip that is available in a width of 0.30 m can be used to cover these joints.

These strips should also be used if the elements are connected with butt boards. The width of the adhesive bond zone must be at least 10 cm on both elements. SOLITEX ADHERO VISTO strips are not suitable for other substrates. Other connections should be taped with TESCON VANA, ensuring that a width of at least 5 cm is covered on the SOLITEX ADHERO VISTO membrane. Continue the sealed transition to a height of approx. 10–15 cm at adjacent vertical elements.

SOLITEX ADHERO VISTO can provide temporary weathering-protection for intermediate floors on multi-storey CLT (cross-laminated timber) or wooden-frame buildings during construction for a period of up to 3 months in Great Britain and Ireland, the rest of Northern and Central Europe, Canada and the northern United States (ASHRAE Climate Zones 4–8), and up to 6 weeks in Southern Europe, the rest of the United States (ASHRAE Climate Zones 1–3) and the rest of the world.

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

Bitumen membranes can be welded onto this membrane; the applicable regulations are to be observed.



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions)

Tested for hazardous substances according to



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:

Phone: +353 46 9432104

Fax: +353 46 9432435

info@ecologicalbuildingsystems.com

For Stockists contact

Ireland

Phone: +353 (0)46 9432104

Fax: +353 (0)46 9432435

UK

Phone: +44 (0)1228 711 511

Fax: +44 (0)1228 712 280

Ecological Building Systems

info@ecologicalbuildingsystems.com

www.ecologicalbuildingsystems.com

MOLL bauökologische Produkte GmbH

Rheintalstraße 35 - 43

68723 Schwetzingen

Germany

www.proclima.com

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Call us

Great Britain +44 (0)1228 711511

Ireland +353 46 9432104



Email us

info@ecologicalbuildingsystems.com



Find us

Great Britain Ecological Building Systems UK Ltd.,
Cardewlees, Carlisle, Cumbria, CA5 6LF,
United Kingdom

Ireland Ecological Building Systems Ltd.,
Main Street, Athboy. Co. Meath, C15 Y678,
Republic of Ireland