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	EN 1849-2	210 g/m² ; 0.69 oz/ft²
Thickness	EN 1849-2	0.35 mm ; 14 mils
Water vapour resistance factor µ	EN 1931	8 570
sd value	EN 1931	3 m
g value	EN ISO 12572	15 MN·s/g
g value	ASTM E96 Procedure B	15 MN·s/g
Vapour permeance	ASTM E96	1.1 perms
Reaction to fire classification	EN 13501-1	C-s1, d0
Outdoor exposure		Cen./Nth. Europe & Canada/Nth. US: 3 months; RoW: 6 weeks
Driving rain test	ZVDH / TU Berlin	Passed
Hail resistance	EN 13583	Passed
Hail impact resistance, floors/walls	VKF / AEAI	Class HR 5
Slip resistance	DGUV Test	R10 / V -
Roofing underlay category (Germany)	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
Airtightness		Passed
Tensile strength MD/CD	EN 13859-1 (A) / -2 (A)	190 N/5 cm / 180 N/5 cm ; 22 lb/in / 21 lb/in
Elongation MD/CD	EN 13859-1 (A) / -2 (A)	60% / 60%
Nail tear-resistance MD/CD	EN 12310-1	250 N / 250 N ; 56 lbf / 56 lbf
*) Durability after artificial ageing	EN 1297 / EN 1296	Passed
Flexibility at low temperature	EN 1109	-40 °C ; -40 °F
Temperature resistance, permanent	EN 1109, EN 1296, EN 1297	-40 °C to 80 °C ; -40 °F to 176 °F
Thermal conductivity		0.04 W/(m·K) ; 0.3 BTU·in/(h·ft²·°F)
Resistance to alkalis	EN 1847	Passed
CE labelling	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 forms

Art. no.	Length	Width	Release film splits	Contents	Weight	Sales unit	Container	GTIN
1AR04302	30 m	0.3 m	No split	9 m²	2.5 kg	2	170	4026639243027
1AR04051	30 m	0.5 m	No split	15 m²	3.5 kg	1	72	4026639240514
1AR04036	30 m	1 m	0.25 | 0.75 m	30 m²	7 kg	1	48	4026639240361
1AR04026	30 m	1.5 m	0.25 | 1.25 m	45 m²	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 (ASHRAE Climate Zones 4-8); 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 (2″) of tape on each element. Alternatively, the SOLITEX ADHERO VISTO strip that is available in a width of 0.30 m (11¾″) 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 (2″) 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 (2″) is covered on the SOLITEX ADHERO VISTO membrane. Continue the sealed transition to a height of approx. 10-15 cm (4″ - 6″) 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 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 (1¼″) 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 missions)

Tested for hazardous substances according to ISO 16000

CE
23
EN 13859-1/-2

Made in Germany developed and produced by pro clima

The applications and conditions described here are based on current research findings and practical experience. We reserve the right to change the recommended application designs and installation methods and to develop and thus change the properties and quality of individual products. We would be glad to inform you about the current state of engineering knowledge at the time that your installation is carried out.

The planning documentation that is available from pro clima provides further information about installation methods and design details. If you have questions, please contact pro clima Technical Support in Germany at +49 6202 278245.

MOLL
bauökologische Produkte GmbH
Rheintalstraße 35 - 43
68723 Schwetzingen
Germany
Phone: +49 6202 2782 0
eMail: info@proclima.com