

ADHERO 1000



Self-adhering, monolithic, vapor permeable membrane, and a durable weather resistive barrier

ADVANTAGES & PROPERTIES

ADHERO 1000 is a self-adhering, air barrier and vapor permeable water resistive barrier and roof underlayment. ADHERO 1000 delivers the first class safety and durability of every Pro Clima membrane, and is easy to install with its 10" (250 mm) top release strip, fully self-adhered backing and cutting guides.

- Unique monolithic, non-porous membrane that is actively vapor open which offers enhanced protection compared to microporous membranes
- High tear resistance and UV resistant cover fleece
- Reliable bonding on all standard construction materials thanks to excellent adhesive properties and full coverage with Pro Clima acrylic adhesive
- Split release paper strips allows for easy two-step installation
- Airtight and very waterproof with a water column of >32 ft (10m)
- Self-sealing around point penetrations (screws/nails) in walls
- Living Building Challenge Compliant – Red List Free

SIZES & DIMENSIONS

	STANDARD (*sku *)
Roll Width	59" (1.5 m)
Roll Length	98'5" (30 m)
Roll Area	484 ft ² (45 m ²)

TECHNICAL DATA

Protective and Covering Fleece	Polypropylene microfiber fleece
Membrane	Monolithic TEEE
Adhesive	Full surface acrylic adhesive



475 High Performance Building Supply

email: info@475.supply **phone:** 800-995-6329 **website (US/CAN):** www.475.supply

ADHERO 1000

TECHNICAL DATA (continued)		
Color	Light gray	
Application Temperature	From 15 °F (-10 °C)	
Attribute	Norm	Value
Surface weight	EN 1849-2	180 g/m ² ; 0.59 oz/ft ²
Thickness	EN 1849-2	0.55 mm ; 22 mils
Vapor permeance	ASTM E96	11 perms
Fire behavior	ASTM E84	Class A
Maximum recommended UV Exposure time (walls)		Climate Zone 4-8: 4 months Climate Zone 1-3: 3 months
Weather protection for mass timber		See ADHERO VISTO
Water Column	EN ISO 811	10 000 mm ; 32' 10"
Water Resistance	AC38	pass
Airtightness	ASTM E2178 ULC S741	<0.004 CFM/ft ² <0.02 L/s*m ²
Tensile strength MD/CD	EN 13859-1 (A) / -2 (A)	200 N/5 cm / 150 N/5 cm 23 lb/in / 17 lb/in
Nail tear resistance MD/CD	EN 13859-1 (B) / -2 (B)	120 N / 200 N 27 lbf / 45 lbf
Self sealing around nails / peel adhesion / weathering/ thermal		
Nail sealing (self sealing)		
Durability	EN 1297 EN 1296	Passed artificial ageing at 212 °F (100 °C)



ADHERO 1000

CODE COMPLIANCE	
IBC - 1404.2 IRC - R703	Passed AC38 testing as approved material
NBC 2020 5.4.1.2.2 NBC 2020 9.36.2.10	Passed air leakage <0.02 L/(s·m ²) @75 Pa (ULC S741)
NBC 2020 9.27.3.2	CAN/CGSB 51.32M (Sheathing membrane): passed

APPLICATION & SUBSTRATES

The ADHERO 1000 membrane is adhered directly to the exterior wall (plywood, OSB, exterior gypsum, concrete etc) and creates a lasting bond by pressurizing the adhesive with a PRESSFIX. Overlaps of at least 6" (15 cm) are recommended on vertical and horizontal joints - guides are printed on the membrane. For durable bonds the substrate should be stable, dry, smooth and free of dust, silicones and grease. It can not adhere to frozen substrates. The installer is responsible for checking the suitability of the substrate. When in doubt an adhesion test is recommended. To connect to rough/uneven substrates, CONTEGA HF adhesive is recommended.

After membrane is applied cover with rainscreen or exterior insulation as soon as possible. Please note: watertight and airtight seals can only be achieved on WRB membranes that have been laid without folds or creases and are correctly pressurized on properly prepared substrates. Certain exterior gypsum boards with factory applied water repellent coating require pre-treatment with a primer to increase adhesion for field verification. Please contact technical@475.supply for assistance.

For wood fiberboard (GUTEX etc) use Pro Clima TESCON Primer RP at top 8" (200mm) release paper strips. Pretreatment with TESCON Primer RP is necessary in the case of rough or porous surfaces such as wood fiber board insulation, rough/oily OSB, or substrates with insufficient stability (CMU, masonry and concrete). When in doubt, verify adhesion with an adhesion test.



ADHERO 1000

GENERAL CONDITIONS

Temporary protection for floors during construction

ADHERO 1000 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 brush or the PRESSFIX XL tool, for example.



Declare.

SOLITEX ADHERO 1000 / 3000
SOLITEX EXTASANA ADHERO
Moll bauekologische Produkte GmbH

Final Assembly: Schwetzingen, Baden-Württemberg, Germany
Life Expectancy: 50 Year(s)
End of Life Options: Landfill (100%)

Ingredients:

Polypropylene; 2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate; 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol; methylloxirane and oxirane; 2-Propenoic acid, butyl ester, polymer with ethenyl acetate and 2-ethylhexyl 2-propenoate; Colophony, converted with maleic-/ fumaric acid, esters or mixed esters with methanol, isodecanol; ethylene glycol, diethylene glycol, triethylene glycol, glycerol or pentaerythritol, including Li, Na, K, Mg, Ca salts and mixed salts of these, ammonium and aliphatic ammonium salts; 1,6-Hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidinyl)-, polymer with 2,4,6-trichloro-1,3,5-triazine, reaction products with 2,4,4-trimethyl-2-pentanamine; N-alkoxy hindered amine reaction products; Carbon black.

Living Building Challenge Criteria: Compliant

I-13 Red List:

LBC Red List Free % Disclosed: 100% at 100ppm
 LBC Red List Approved VOC Content: Not Applicable
 Declared

I-10 Interior Performance: Not Applicable

I-14 Responsible Sourcing: Not Applicable

PRC-0007
EXP: 01 MAY 2024
Original Issue Date: 2021

INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare



475 High Performance Building Supply

email: info@475.supply phone: 800-995-6329 website (US/CAN): www.475.supply

UPDATED 2025