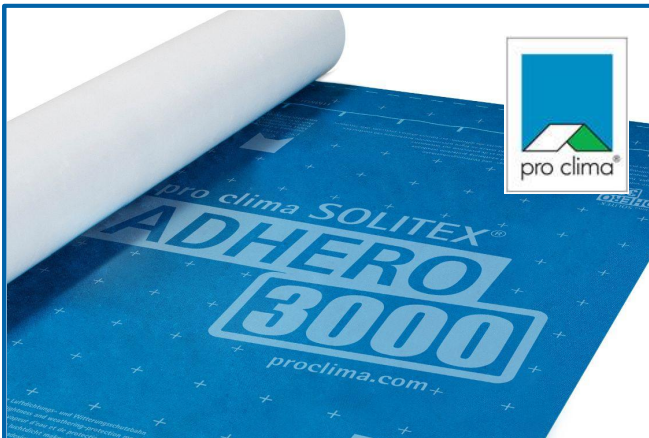


# ADHERO 3000



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

## ADVANTAGES & PROPERTIES

ADHERO 3000 is a self-adhering, air barrier and vapor permeable water resistive barrier and roof underlayment. ADHERO 3000 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
- Extremely 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
- Very waterproof and suitable for roofs 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 (1AR01513)
Roll Width	59" (1.5 m)
Roll Length	98'5" (30 m)
Roll Area	484 ft <sup>2</sup> (45 m <sup>2</sup> )

## 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 3000

TECHNICAL DATA (continued)		
Color	Dark blue	
Application Temperature	From 15 °F (-10 °C)	
Attribute	Norm	Value
Surface weight	EN 1849-2	240 g/m <sup>2</sup> ; 0.79 oz/ft <sup>2</sup>
Thickness	EN 1849-2	0.70 mm ; 28 mils
Vapor permeance	E96 EN ISO 12572	8 perms 11 perms
Fire behavior	ASTM E84	Class A (FS:10 - SDI: 15)
Maximum recommended UV Exposure time		Climate Zone 4-8: 4 months on roofs, 6 months on walls Climate Zone 1-3: 3 months on roofs, 4 months on walls
Weather protection for mass timber		See <a href="#">ADHERO VISTO</a>
Water Column	EN 20811	> 32' 10" (10 m)
Water Resistance	E331	Passed 2 hours a 300pa (6.24PSF)
Airtightness	ASTM E2357	0.0009 CFM/ft <sup>2</sup> penetrated wall
Tensile strength	EN 12311-1	250 N/5 cm / 200 N/5 cm ; 29 lb/in / 23 lb/in
Nail tear resistance MD/CD	EN 12310-1	>45 lbf / >34 lbf ; >200 N / >150 N (depending on substrate)
Self sealing around nails / peel adhesion / weathering/thermal	AMAA 711	Passed / passed on several substrates / passed
Durability	EN 1297 EN 1296	Passed artificial ageing at 212 °F (100 °C)



# ADHERO 3000

## CODE COMPLIANCE

IBC - 1403.2 IRC - R703.1	Complies per ASTM E331 for 2 hours at 6.24PSF
IBC - 1404.2 IRC - R703	Passed AC38 testing as approved material
NBC 2015 5.4.1	Passed air leakage <0.02 L/(s·m²) @75 Pa (ASTM E2178)
NBC 2015 9.36.2.9 (c)	Passed air leakage <0.2 L/(s·m²) @75 Pa (ASTM E2357)
NBC 2020 9.27.3.2	CAN/CGSB 51.32M (Sheathing membrane): passed
NBC 2020 9.26.2	CAN/CGSB 51.32M (Sheathing membrane): passed

## APPLICATION & SUBSTRATES

The ADHERO 3000 membrane is adhered directly to the exterior wall/roof (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/roof battens 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](mailto: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.



## GENERAL CONDITIONS

Use the full Pro Clima airtightness system to qualify for a 10 year comprehensive warranty.

**Roof Underlayment:** ADHERO 3000 can be used on roof pitches above 3:12 (14°) because of its monolithic TEEE layer, and as a long term roof underlayment with properly sealed penetrations, valleys and junctions.

### Additional requirements for pitches below 3:12 :

- Clay tile roof below 14° require NAIDECK down to 2:12 (9.5°)
- Standing seam metal roofs do not require NAIDECK down to 2:12 (9.5°)
- Standing seam metal roofs require NAIDECK down to 1:12 (4.8°)
- Corrugated metal roofs with NAIDECK and primed overlaps using TESCON PRIMER RP down to 2:12 (9.5°). Gasketed screws must be used in the ridge of the metal roof. Do not screw in the valley
- Corrugated metal roofs with NAIDECK and primed overlaps using TESCON PRIMER RP down to 1:12 (4.8°) in CZ 2B, 3B, and 4B. Gasketed screws must be used in the ridge of the metal roof. Do not screw in the valley

### **Temporary weather protection for roofs:**

ADHERO can be used to protect roofs of buildings against precipitation during construction. They are not recommended as temporary roofing over occupied/finished spaces as leaks from application errors, unnoticed punctures, heavy wind/rain can force water into enclosure. Pro Clima and 475 High Performance Building Supply are not responsible for damages occurring as a result of water getting behind ADHERO membranes. If it is required to prevent all precipitation from entering the enclosure, we recommend additional measures (tarps) to keep your roof waterproof until the final roof is installed.

**CLT Protection:** See [ADHERO VISTO](#)



## Declare.

**SOLITEX ADHERO 1000 / 3000  
SOLITEX EXTASANA ADHERO  
Moll bauoekologische 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, methyloxane and oxirane; 2-Propenoic acid, butyl ester, polymer with ethyl acetate and 2-ethylhexyl 2-propenoate; Colophony, converted with maleic/ fumaric acid, esters or mixed esters with methanol, isododecanol, 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

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