

SOLITEX MENTO 1000



High performance
airtight and vapor
permeable
water resistant barrier

ADVANTAGES & PROPERTIES

SOLITEX MENTO 1000 is a 3-layer airtight, vapor-permeable house wrap that is a robust water resistive barrier (WRB). It has an actively vapor open, monolithic layer of TEEE film that is extremely waterproof and outperforms perforated/micro-porous WRBs, both, in outward drying potential, as well as airtightness.

- Actively vapor open TEEE film membrane
- Extremely watertight
- High vapor permeability
- Microfiber mesh assures high tear resistance
- High thermo-stability and UV resistance
- Part of 10 year comprehensive Pro Clima warranty

SIZES & DIMENSIONS

	STANDARD (11447)	DOUBLE-WIDE (12263)
Roll Width	59" (1.5m)	118" (3m)
Roll Length	164' (50m)	164' (50m)
Roll Area	807 ft ² / 75 m ²	1,614 ft ² / 150 m ²

TECHNICAL DATA

Protective and Covering Fleece	Polypropylene microfiber
Membrane	Monolithic TEEE
Color	Dark grey



475 High Performance Building Supply

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

SOLITEX MENTO 1000

Attribute	Norm	Value
Surface weight	EN 1849-2	0.38 oz/ft ² ; 115 g/m ²
Thickness	EN 1849-2	16 mils ; 0.40 mm
Maximum recommended UV Exposure time		3 months
Water vapor resistance factor μ	EN ISO 12572	125
sd-value	EN ISO 12572	0.05 m
g-value		0.25 MN·s/g
Water vapor permeance	ASTM E96	38 US perms
Air permeance	ASTM E2178	0.00004cfm/ft ²
Water Column	AATCC 127	32' 10" (10m)
Water resistance un-/aged	EN 1928	W1 / W1
Elongation MD/CD	EN 12311-1 (A)	60% / 70%
Elongation MD/CD aged*	EN 12311-1 (A)	40 % / 50 %
Long term artificial aging	EN 1297 EN 1296	passed
Flexibility at low temperature	EN 1109	-40 °F (-40 °C)
Temperature resistance	EN 1109, EN 1296, EN 1297	-40 °F to 212 °F ; -40 °C to 100 °C
Tensile strength MD/CD	EN 12311-1(A)	25 lb/in / 19 lb/in ; 220 N/5 cm / 170 N/5 cm
Tensile strength MD/CD aged*	EN 12311-1 (A)	21 lb/in / 18 lb/in ; 185 N/5 cm / 160 N/5 cm
Nail tear resistance MD/CD	EN 13859-1 (B)	29 lbf / 30 lbf ; 130 N / 135 N
Fire behavior	ASTM E84	Class A (FS:0 - SDI:85)



CODE COMPLIANCE

IBC - 1404.2	Passed AC38 testing as approved material
IRC - R703	Passed AC38 testing as approved material
IECC - 5.4.3.1.3 and C402.5.1	Passed ASTM E2178 <0.004cfm/ft ²
NBC 2015 - 5.4.1	Passed air leakage <0.02 L/(s·m ²) @75 Pa (ASTM E2178)
NBC 2015 - 9.27.3.2	Passed CAN/CGSB-51.32-M77

APPLICATION

Follow the SOLITEX MENTO 1000 application videos and PDF guides available on the SOLITEX MENTO 1000 product page at www.475.supply.

Use TESCON VANA for membrane overlaps, TESCON PROFIL for opening and corner connections, EXTOSEAL ENCORS for window flashing, CONTEGA HF to adhere to rough or uneven substrates & concrete connections, ROFLEX for pipes penetrations, KAFLEX gaskets for wire penetrations.

SOLITEX MENTO 1000 can be used as a water resistive barrier and exterior airtight membrane on walls. For interior airtightness and vapor control, use INTELLO PIUS smart vapor retarder.

GENERAL CONDITIONS

Pro Clima SOLITEX MENTO 1000 should be installed with printed side facing the exterior. Always check rafters/studs/sheathing for nails, splinters, and unnecessary protrusions before installation to prevent punctures and damage to the membrane. Remove loose materials, debris and dust that may act as impediments to installation. It can be laid perpendicular to the sub-structure or parallel along it. The membrane should be applied taut and without sags or creases. The maximum on center spacing of the structure behind SOLITEX MENTO 1000 is 40" (100 cm). After the membrane is applied, battens should be installed through the SOLITEX MENTO 1000 into the structure. Apply battens as soon as possible to prevent damages from wind suction on the membrane.

SOLITEX MENTO 1000



Declare.

SOLITEX MENTO 1000 / 3000 / 5000 / PLUS
Moll bauoekologische Produkte GmbH

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

Ingredients:

Polypropylene; 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol, methyloxirane and oxirane; 1,6-Hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidyl)-, 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:

<input checked="" type="checkbox"/> LBC Red List Free	% Disclosed: 100% at 100ppm
<input type="checkbox"/> LBC Red List Approved	VOC Content: Not Applicable
<input type="checkbox"/> Declared	

I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

PRC-0005
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MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare



Tested for hazardous substances according to

ISO 16000

For healthier indoor air