

COVERPRO[®] 1000

SYNTHETIC ROOFING UNDERLAYMENT

High Strength/Lightweight – Felt Replacement



INSTALLATION GUIDELINES

CODE AND STANDARD COMPLIANCE

- ICC-ES AC188 (ESR-1293)
- ASTM D226 Type I & II
- ASTM D4869
- CSA A 123.3 Type 1 & 2
- FBC #17873
- Texas Dept. of Insurance (TDI)

BEFORE INSTALLING COVERPRO[®] 1000

Ensure the roof deck or substrate is properly fastened, has no significant delamination, warpage, bowing or separation from the rafters, trusses or support structures and is free of debris, clean and smooth before the underlayment is applied. CoverPRO 1000 shall be installed using compatible materials and conform to best building practices. Verify the application is compliant with applicable building codes. As with all roofing materials, always observe safe roofing practices (OSHA) and local building and safety codes. Use caution when walking or standing on CoverPRO 1000. Moisture, dust, snow, ice, debris and other jobsite conditions may change the coefficient of friction of CoverPRO 1000. Failure to use proper safety equipment and footwear can result in serious injury or death.

INSTALLATION - GENERAL

Fastening methods and materials should conform to best building practices and local jobsite conditions. Verify final application to be compliant with the requirements of applicable building codes.

Verify compatibility according to geographical region, structure type and roof specification with applicable building codes and/or by review of a building professional.

Install CoverPRO 1000 print side up, horizontal (parallel) to the eave, with minimum 3 inch (76 mm) horizontal laps and 6 inch (152 mm) vertical laps. Overlaps shall run with the flow of water in a shingling fashion.

Minimum finished roof slope is 2:12 (17%). For roof slopes greater than 2:12 (17%) and less than 4:12 (33%), laps shall be increased to 22 inches (560 mm).

In jurisdictions where the use of CoverPRO 1000 in valley applications is permitted by local building codes System Components recommends that CoverPRO 1000 be applied as valley liner in accordance with applicable building codes and industry standards/guidelines. Woven or closed-cut valleys are not recommended.

INSTALLATION GUIDELINES

24-HOUR EXPOSURE

For short-term exposure (less than 24 hours before the primary roof installation is completed) without exposure to precipitation or high wind (any signs of underlayment uplifting), corrosive-resistant roofing nails with a minimum head diameter of 3/8 inches may be used to nominally attach the underlayment only as necessary to prevent distortion around fasteners in high traffic areas. The final roof covering will permanently affix the underlayment in place. Fasteners shall not be under or over driven.

EXTENDED EXPOSURE (Up to 30 Days)

Fasteners shall be installed at every other printed fastening mark for standard application and at every location for high wind application (unless instructed differently by System Components Corporation letter or technical bulletin) with either corrosive-resistant roofing nails with a minimum head diameter of 3/8 inches or plastic capped roofing nails or staples with a minimum plastic cap diameter of 1 inch. Fasteners shall be 90° to the roof deck and shall not be under or over driven.

FOR ALL ROOF SLOPES GREATER THAN 8:12 (67%)

Fasteners shall be installed at the printed fastening marks labeled with plastic capped roofing nails or staples with a minimum plastic cap diameter of 1-inch. Fasteners shall be 90° to the roof deck and shall not be under or over driven.

Applications that are not immediately covered (within 24 hours) by the primary roof covering or are subject to basic wind speeds (fastest mile) in excess of 90 miles per hour (145 km/hour, Uniform Building Code) or basic wind speeds (3-second gust) in excess of 110 miles per hour (177 km/hour, International Residential Code and International Building Code) shall be fastened at the printed fastening marks with plastic capped roofing nails or staples with a minimum plastic cap diameter of 1 inch. Fasteners shall be 90° to the roof deck and shall not be under or over driven. Additionally, it is recommended that pressure sensitive seam tape, caulk or sealant material be applied between laps before fastening to prevent moisture ingress in areas of high wind.

In all applications, extend CoverPRO 1000 one-inch past gable/rake edge, turn down over edge, fasten approximately 4-inches on center and cover with code-compliant flashing prior to the installation of the final roof covering.

REPAIRS

Repair damage to the underlayment with caulk or sealant material maintaining a water-tight seal around the damaged area and proper overlaps to run with the flow of water in a shingling fashion. Ensure any incorrectly applied fasteners are caulked and/or sealed to prevent possible moisture ingress.

PRECAUTIONS

CoverPRO 1000 can be exposed to ultraviolet conditions for up to 30 days. Severe weather and/or local jobsite conditions may require a shorter exposure period. Please contact System Components for further information.

CoverPRO 1000 is not designed to function as the primary roof covering and is intended to function as a secondary water shedding layer under code-compliant exterior roof claddings. Verify final application to be compliant with applicable building codes.

A 10-YEAR LIMITED WARRANTY APPLIES TO COVERPRO 1000. NO OTHER WARRANTY, EXPRESS OR IMPLIED, IS GIVEN AS TO THE MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE OR OTHERWISE FOR APPLICATIONS OUTSIDE THE SCOPE OF THESE INSTALLATION GUIDELINES AND THE PUBLISHED 10-YEAR LIMITED WARRANTY.

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Phone: 425-392-5150 (West) | 330-528-0255 (East)
Email: support@systemcomponents.net
Web: www.systemcomponents.net

System Components Corporation
P.O. Box 2432
Issaquah, WA 98027

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CoverPRO 1000 – Installation Guidelines
LAST UPDATED 6/22/2016