



Synthetic Roofing Underlayment

For Tile, Metal and Other Durable Roof Systems

INSTALLATION GUIDELINES

Before Installing QUICKSILVER 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.

QUICKSILVER shall be installed using compatible materials and conform to best building practices. Unless otherwise approved by an engineer, QUICKSILVER should be installed above properly ventilated spaces. 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 QUICKSILVER. Moisture, dust, snow, ice, debris and other jobsite conditions may change the coefficient of friction of QUICKSILVER. 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 QUICKSILVER print side up, horizontal (parallel) to the eave, with minimum 3 inch (102 mm) horizontal laps and 6 inch (152 mm) vertical laps. Overlaps shall run with the flow of water in a shingling fashion.

Installation Guidelines

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 50% of the roll width plus 1-inch (25 mm) in accordance with applicable building codes.

In jurisdictions where the use of QUICKSILVER in valley applications is permitted by local building codes, it is recommended that QUICKSILVER be applied as a valley liner in accordance with applicable building codes and industry standards/guidelines.

Extend QUICKSILVER 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.

Fasteners shall be 90° to the roof deck and shall not be under or over driven.

24 Hour Exposure: When permitted by applicable building codes, 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 3/8" head roofing nails may be used to nominally attach the underlayment at every other fastening location to prevent distortion around fasteners in high traffic areas. The final roof covering will permanently affix the underlayment in place.

General Exposure: Applications that are not immediately covered (within 24 hours) by the primary roof covering shall be attached using 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 at every fastener marking along both horizontal laps and the center of the roll in the field of the roof. Vertical laps shall be fastened at 12 inches (305 mm) on center. For application where Miami-Dade approved tin tags and nails or metal caps are required, it is recommended apply the tin tags or metal caps with the rough edge facing up. For projects where strong winds or wind-driven rain could occur, lap widths shall be doubled and the use of a compatible sealant (see Repairs for a description of recommended sealant) or double-sided tape between laps is encouraged.

For installations employing plastic cap fasteners, verify that the plastic caps have sufficient UV stability for the intended exposure duration of the project.

Repairs

Repair damage to the underlayment with asbestos free, low solvent, plastic roofing cement, sealant conforming to ASTM D 4586, Type 1, Federal Spec SS153 Type 1 or butyl, urethane, or EPDM caulk. Ensure any incorrectly applied fasteners are caulked and/or sealed to prevent possible moisture ingress.

Precautions

Quicksilver 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. Quicksilver is designed to maintain water resistance after 180 days of typical UV exposure; however, severe weather and/or local jobsite conditions may require a shorter exposure period. Please contact System Components for further information. Verify final application to be compliant with applicable building codes.

Limited Lifetime Warranty

See the resource downloads on systemcomponents.net for information.



Phone: 330-528-0255
Email: support@systemcomponents.net
Web: systemcomponents.net

System Components Corporation
10 West Streetsboro Street, #207
Hudson, OH 44236

CoverPro is a registered trademark of System Components Corporation.
© 2020 System Components Corporation. All rights reserved.

QUICKSILVER - INSTALLATION GUIDELINES 202008 1 of 1