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Flash Deck® Shingle Base



Service Temperature: -40 °F to 240° F
System Component: Asphalt Shingle Underlayment
UV Performance: 6 Months
Attachment: Self Adhered Butyl
Underlayment Type: Non-Woven PP
Dimensions: 3' x 100'
Coverage: 300 sq. ft. (3 Squares)
Weight per Roll: 28.5 lbs.
Pallet Quantity: 36 Rolls

Description: *This product is intended for use under asphalt shingles.*

Flash Deck® Shingle Base is an industry-leading, **butyl-based** application specifically engineered for the high-performance shingle marketplace. Unlike traditional modified asphalt products, this advanced butyl formula provides a significantly wider service temperature range, delivering unmatched extreme-temperature adhesion in a lightweight, granule-free profile. This ensures the material maintains its aggressive adhesive properties and remains flexible for the **lifetime of any asphalt shingle installed**.

EAVE INSTALLATION

Horizontal Installation (Standard)

1. **Valleys First:** Always install the valley detail first, ensuring Flash Deck® Shingle Base courses provide a minimum 4" overlap onto installed in the valley detail.
2. **Layout:** Always to the work from the low point to the high point of the roof. Lay the material out horizontally (parallel to the eave) with the printed side facing up.
3. **Laps:** Overlap the underlying horizontal course by 4" and maintain a 6" overlap for all vertical (end) laps. Stagger all vertical laps by a minimum of 6'.
4. **Technique:** Cut the underlayment into manageable lengths. Depending on your crew size and weather conditions, peel back a portion of the release liner, align the underlayment, and continue peeling the liner while firmly pressing the material into place.
5. **Rolling:** Broom the field of the sheet and hand roll seams and overlaps securing the underlayment by pushing the adhesive mass into the pores of the roof deck. Always verify adhesion before moving on.
6. **Allowable Method (Steep Slopes):** For steep slope applications (6:12 pitch or greater), you may blind-nail the overlap area if deemed necessary for added security.

Vertical Installation (6/12 pitch or greater)

1. **Valleys First:** Always install valley underlayment first, ensuring the horizontal field courses provide a minimum 4" overlap onto Flash Deck® Shingle Base installed in the valley.
2. **Layout:** Always work from the low point to the high point of the roof. Install two courses horizontally (parallel to the eave) with printed side up.

3. **Laps:** Overlap the underlying horizontal course by 4" and maintain a 10" overlap for all vertical (end) laps. Stagger all vertical laps by a minimum of 6'.
4. **Technique:** Cut the underlayment into manageable lengths and if possible, cut a single length from ridge to horizontally placed product including for minimum 4" overlap. Depending on your crew size and weather conditions, peel back a portion of the release liner, align the underlayment, and continue peeling the liner while firmly pressing the material into place.
5. **Fastening:** Nail the top of the product along the peak 3" down from the terminal point of the substrate. If deemed necessary blind nail the product along the vertical edge of the product.
6. **Rolling:** Broom the field of the sheet and hand roll seams and overlaps securing the underlayment by pushing the adhesive mass into the pores of the roof deck. Always verify adhesion before moving on.

Important Notice: It is recommended that the underlayment be installed from the eave up the roof to a point 36" inside the exterior wall (above the max ice dam buildup line). Consult local codes.

Eave Options: Roofers' Advantage Products offers three distinct methods for detailing your eaves. Always consult your local building codes to ensure compliance before beginning. Our standard method involves installing the drip edge first, followed by applying Flash Deck® Shingle Base over the nail flange. For maximum protection, our two upgraded options utilize Flash Deck® Strip-In to create a completely sealed deck. Choose the approach that best fits your project:

Standard Installation:

1. **Drip Edge:** Install the drip along the eave first.
2. **Shingle Base:** Install Flash Deck® Shingle Base over the drip edge nail flange to the nose of the drip edge, encapsulating all fasteners.
3. **Roller:** Use a roller to activate the pressure-sensitive adhesive bond.

Enhanced Installation:

1. **Flash Deck® Shingle Base:** Install Flash Deck® Shingle Base onto the fascia, ensuring it will not be visible below the drip edge once installed.
2. **Flash Deck® Strip-In:** Install Flash Deck® Strip-In from the nose of the drip edge, extending a minimum of 4" onto the Flash Deck® Shingle Base. This covers all exposed fasteners and encapsulates the drip edge nail flange.
3. **Roller:** Use a roller to activate the pressure-sensitive adhesive bond.

Superior Installation:

1. **Flash Deck® Strip-In:** Install Flash Deck® Strip-In onto the deck, overlapping it onto the fascia. Ensure the Strip-In will not be visible below the drip edge once installed.
2. **Flash Deck® Shingle Base:** Install the drip edge and apply Flash Deck® Shingle Base onto the top of the drip edge, covering all fasteners.
3. **Roller:** Use a roller to activate the pressure-sensitive adhesive bond.

RAKE INSTALLATION

Install Flash Deck® Shingle Base to the rake edge, trimming flush or extending onto the rake trims. Subsequent installation of the drip edge must occur directly on top of the Flash Deck® Shingle Base. As an optional enhancement, Flash Deck® Strip-In may be applied over the drip edge nail flange to ensure all fasteners are fully encapsulated.

VALLEY INSTALLATION

General Note: For valley applications, Flash Deck® Strip-In is installed prior to the primary Flash Deck® Shingle Base. This sequence builds essential redundancy at critical interfaces and provides the malleability required to conform to the irregular surfaces often found in valley details.

1. **Prepare and Crease:** Cut Flash Deck® Strip-In into manageable lengths. Fold each section in half lengthwise to create a crease that conforms to the valley profile.
2. **Align and Place:** It is recommended to work with a second person for this step. Remove as much of the release liner as possible, and center in the valley adhering one side then work towards the other valley side ensuring tight contact at valley bottom.
3. **Work Bottom to Top:** Always install Flash Deck® Strip-In working from the eave up toward the ridge.
4. **Overlap Sections:** Ensure each new section of underlayment overlaps the previous one by a minimum of 6”.
5. **Secure and Bond:** Use a small hand roller to smooth the membrane, ensuring complete adhesion to the substrate.
6. **Install Primary Roofing:** Once all valley joints and seams are securely covered, proceed with the application of Flash Deck® Shingle Base.

Important Note: Flash Deck® Strip-In when used in the valley is not a complete standalone underlayment. It must always be covered by Flash Deck® Shingle Base.

WALL INSTALLATION

General Note: For wall applications, Flash Deck® Strip-In is installed as an integral part of the finished roofing system. It fully encapsulates the vertical leg of all standard metal wall flashings—including step, continuous, and headwall flashings. By securing this critical interface, Flash Deck Strip-In provides essential protection in an area that is a common source of roof and siding failures.

1. **Base Installation:** Install Flash Deck® Shingle Base up the vertical wall as required by local building codes.
2. **Install Flashings:** Complete the roofing system, including vertical wall flashings.
3. **Alignment Guide:** Snap a chalk line onto the wall flashing to ensure Flash Deck® Strip-In will remain hidden once the final siding is installed.
4. **Keep It Straight:** With a partner, install Flash Deck® Strip-In onto the vertical leg along the chalk line.
5. **Roll to Bond:** Roll Flash Deck® Strip-In firmly onto the wall and flashing to ensure a watertight seal.

*Important Note: This specification is subject to the Flash Deck® **General Overview**, which is hereby incorporated by reference. Complete system guidelines—including precautions, surface preparation, installation, storage, and essential safety requirements—are included in the primary General Overview document.*