Flash Deck™ Edge & Wall Lock

Product: Flash Deck™ Edge Lock & Wall Lock
Service Temperature: 260° F HT
System Component: Encapsulating Perimeter and Wall Flashing
Base Sheet Type: White Facestock**,** UV Resistant, Self-Adhered, Release Liner (white)
Cap Sheet Type: Yellow Facestock**,** UV Resistant, Self-Adhered, Release Liner (white)
Dimensions: 9" Wide x 75' Length (9" Base Sheet / 9" Cap Sheet)
Coverage: 56.25 SQ. Feet

Flash Deck™ Edge Lock is a **patented product** that establishes a **new category** of roofing products. Flash Deck™ Edge Lock resolves the industry debate over whether to place the underlayment over or under the drip edge, offering the superior waterproofing protection of both methods in a single, streamlined product by encapsulating the drip edge nail flange. It further ensures a water-resistant bond at the perimeter and provides a Cool-Touch Safety Yellow high-visibility boundary for installers.

Flash Deck™ Wall Lock is a **patented product** that establishes a **new category** of wall products. It fully encapsulates the vertical leg of all standard metal wall flashings (step, continuous, or headwall). Installed as part of the finished roofing system, Flash Deck™ Wall Lock encapsulated the vertical leg of any metal wall flashing, a common area of roof and siding failures

1. Substrate Preparation

- **Surface:** Ensure the roof deck and wall sheathing (plywood/OSB) and fascia/rake boards are clean, dry, and free of debris.

- **Temperature:** Apply only when the ambient, surface, and material temperatures are 20° F and rising.

- **Pressure:** A pressure-sensitive butyl, non-asphaltic product and must be rolled to activate the bond.

2. Installation: Edge Application

- **2.1 Alignment & Fascia/Rake Edge Extension:** Position the Flash Deck™ Edge Lock along the roof edge. Align the product so that the Cap Sheet aligns with the fascia edge, bend

Roofers' Advantage® Products Inc.
4 Valhalla Way
Wakefield, NH
03872

RoofersAdvantage.com
Call: +1(603)-522-5200
Fax: +1(603)-522-5204
Email: jon@roofersadvantage.com

the Base Sheet (1") onto the fascia trim. If additional coverage is desired move the underlayment further down toward the fascia and cut overhang flush with the nose of the drip edge.
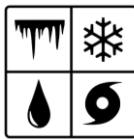
- o **CRITICAL VISUAL CHECK:** Ensure the underlayment is not visible beyond the bottom of the drip edge.

- **2.2 Base Adhesion:** Remove the release liner from the **Base Sheet** only.

- **2.3 Placement:** Press the Base Sheet firmly onto the roof deck and top of the fascia board and smooth it down over the fascia/rake edge. Roll smooth to ensure a watertight bond with trim and substate surfaces.

  - o *Note: Do not remove the Cap Sheet release liner yet.*

Installation: Wall Application

- **2.1 Alignment & Wall Extension:** Flash Deck™ Wall Lock is to be installed onto the wall with the base sheet being elevated above the roof deck. The placement varies based on wall cladding requirements. It is common practice to snap a line onto the wall sheathing; this becomes the mark at which you install terminal end of the Flash Deck™ Wall Lock common bond to provide for exacting metal reveal to the weather.

- **2.2 Base Adhesion:** Remove the release liner from the **Base Sheet** only.

- **2.3 Placement:** Press the Base Sheet firmly onto the sheathing and roll smooth to ensure a watertight bond.

  - o *Note: Do not remove the Cap Sheet release liner yet.*

3. Installation: Drip Edge Integration

- **3.1 Insertion:** Insert the drip edge nail flange into the "interface" between the Base Sheet and Cap Sheet of the membrane.

  - o The drip edge nail flange should sit directly **on top** of the adhered Base Sheet.

  - o The un-adhered Cap Sheet should be lifted **above** the drip edge nail flange and the drip edge fastened according to code and manufacturer requirements.

- **3.2 Fastening:** Fasten the drip edge metal into place using code-compliant roofing nails. Drive fasteners through the drip edge nail flange and the underlying Base Sheet into the deck.

Roofers' Advantage® Products Inc.
4 Valhalla Way
Wakefield, NH
03872

RoofersAdvantage.com
Call: +1(603)-522-5200
Fax: +1(603)-522-5204
Email: jon@roofersadvantage.com

3. Installation: Wall Flashing Integration

3.1 Insertion: Install the wall flashing integrated into the greater roof system by placing the vertical leg of the wall flashing into the "interface" between the Base Sheet and Cap Sheet of the underlayment.

- The vertical leg of the wall flashing should sit directly **on top** of the adhered Base Sheet.

- The un-adhered Cap Sheet should be lifted **above** the vertical leg of the wall flashing.

- **3.2 Fastening:** Fasten the wall flashing into place using code-compliant roofing nails or screws.

4. Installation: Cap Sheet Encapsulation

- **4.1 Reveal:** Remove the release liner from the **Cap Sheet**.

- **4.2 Seal:** Press the Cap Sheet down firmly over the top of the drip edge nail flange or vertical leg of the wall flashing and roll into place.

- **4.3 Result:** The drip edge flange at the eave or vertical leg of the wall flashing is now completely encapsulated. The fasteners are sealed, and the metal is sandwiched between the Base Sheet (below) and Cap Sheet (above).

5. End Laps & Roll Transitions

- **5.1 Cutting:** When a roll runs out, remove 4" of the underlayment common bond.

- **5.2 Insertion:** Abut the common bond of the new product to the common bond of the installed product and overlap both the Base Sheet and Cap Sheet onto already installed product, ensuring a **minimum overlap (insertion) of 4 inches**.

- **5.3 Sealing the Joint:**

  - Cut a piece of **Flash Deck™ Metal Seal** to a length of **10 – 11 inches**.

  - Center and secure the Flash Tape™ Metal Seal equidistantly over the 4" section removed from the Flash Deck™ Edge Lock and install onto the Cap Sheet.

Roofers' Advantage® Products Inc.
4 Valhalla Way
Wakefield, NH
03872

RoofersAdvantage.com
Call: +1(603)-522-5200
Fax: +1(603)-522-5204
Email: jon@roofersadvantage.com

General Note: If possible, install the drip edge or wall flashing right after Flash Deck™ Edge Lock or Wall Lock has been installed to prevent the Cap Sheet from being elevated during high wind events.

6. Safety

CAUTION - READ GOOD SAFETY PRACTICES BELOW

- **OSHA:** Always follow safe roofing codes & practices (OSHA) and wear fall protection.

- **Slip Hazard:** Release liners are slippery and should be removed from the work area immediately. Use caution when walking on Flash Deck™ Edge Lock as slip resistance may vary with surface conditions, weather, footwear, and roof pitch.

- **Color:** The Cool-Touch Safety Yellow surface provides high visibility at perimeters