



RAZORSTICK HT

APPLICATION INSTRUCTIONS

Razorstick Ht

May be applied directly to plywood, OSB (oriented strand board), wood planks (non-chamfered edges), concrete, masonry, or Loadmaster surfaces. RazorStick HT underlayment should be covered with the primary roof covering as soon as possible after installation. Back-nail every 18" (457 mm) along the selvage edge.

Note:The film surface may change in appearance without impacting the product's performance.

Warning:Some building materials are not compatible for direct contact. Incompatible underlayment may cause the asphalt compound to soften, flow, or drip, leading to stains on the fascia, gutters, and exterior surfaces.

Razorstick HT is not responsible for any damage by incompatibility with any underlayment not manufactured by Razorstick HT. See Razorbac kroof.com for more information on compatibility.

Deck Preparation

New construction:Clean dirt and debris from the roof deck.

Reroofing:After removing shingles or existing metal roofing, felts, nails, and fasteners from the area to be covered with RazorStick HT underlayment, replace any water-damaged sheathing and thoroughly clean the roof deck. Priming is not required for wood surfaces, but concrete and masonry should be primed with Matrix 307 or another ASTM D41 primer before applying the underlayment.

Warning:Razorback underlayment may be applied over kiln-dried wood substrates. When installing directly on wood plank decks, caution is recommended since natural resins ('pitch') in softwoods like pine, spruce, larch, or Douglas fir can bleed out. This may cause the underlayment to deteriorate, leading to softening or dripping of the asphalt compound and potential staining of fascia, gutters, or adjacent building surfaces. **RazorStick HT is not liable for damages resulting from material incompatibility.**

Weather Conditions

Apply RazorStick HT underlayment only when the deck is dry and the air temperature is between 45°F and 120°F (7°C to 49°C).

Valleys, Hips & Ridges

1. Cut the Razorstick HT underlayment into lengths of 10' to 20' (3.05 m to 6.10 m).
2. Begin at the valley's base, centering the underlayment and extending it flush with the drip edge.

3. Fold the underlayment, then remove the release film from half its width.
4. Fold the underlayment into position, ensuring strong adhesion to the substrate for optimal performance. Keep the sheet straight to prevent wrinkles, pressing from the center outward to remove all bubbles.
5. Fold back the other half of the RazorStick HT on the opposite side of the valley and remove the release film. Repeat Step 4.
6. Continue up the valley, overlapping previous underlayment sheets by at least 6" (152 mm), ensuring the material extends beyond the valley peak.

Eaves & Rakes

1. Install a drip edge if required. At the eave, place the drip edge before applying RazorStick HT. At the rake, apply RazorStick HT before installing the drip edge.
2. Pre-cut the underlayment roll into 10'–20' (3.05 m–6.10 m) lengths, keeping the sheet straight to prevent wrinkles during handling.
3. Align the RazorStick HT underlayment so it sits flush against the drip edge.
4. Remove the top section of release film and let the underlayment roll down toward the roof edge. Adjust and position it carefully.
5. After aligning the top half of the sheet, firmly bond it to the substrate.
6. Lift the underlayment back up, remove the remaining release film, and press firmly to ensure a strong bond, as done previously..
7. Continue across the roof by installing the next RazorStick HT underlayment sheets in the same way. Overlap adjacent sheets with a 6" (152 mm) end lap. Once in place, firmly roll the end lap with a hand roller to ensure a secure, watertight seam.
8. Install up the roof until reaching at least 24" (610 mm) beyond the interior warm wall line.
9. If an additional course of underlayment is needed, it should overlap the first course of RazorStick HT underlayment by at least 3" (76 mm). The lap area must be firmly rolled by hand to create a water tight seal. When applying the underlayment in shorter lengths, remove the release film from the roll, then pull the sheet straight and align it properly on the roof.
10. Continue, overlapping the preceding Razorstick HT underlayment sheets by at least 6" (152 mm).

NOTE: For additional protection, a ¼" – ⅜" (6.35 mm – 9.53 mm) wide bead of FlexSeal™ Caulk Grade Sealant or ASTM D4586 roofing cement can be applied along the entire end lap and firmly rolled with a hand roller.

NOTE:For full-deck coverage or product/installation updates, see razorback.com.

Metal Roof Applications

Razorstick HT The underlayment has a high-temperature rating of 250°F (121°C) and is suitable for use with most metal roofing systems. For applications under copper, zinc, or other approved non-asphaltic roofing systems, contact Razorback Technical Services.

Release Film Removal

In warm weather, place the underlayment with the white release film side facing upward and the grey walking surface against the roof deck to improve release. In cold weather, ensure the grey walking surface faces upward before removing the release film.

Safety Warning

Roof work can be hazardous. Always follow all applicable safety guidelines. Do NOT walk on the membrane until it has fully bonded to the substrate.

Storage

RazorStick HT rolls should be stored upright, under cover, in a location cooler than 100°F (38°C). Do not stack pallet rolls in double tiers.

Precautionary Note

The application instructions for this product, or for the shingles used with it, may call for adhesives or cements containing solvents. Use these adhesives or cements only as directed. Excessive application of solvent-based products can affect performance, causing asphalt to soften, drip, or stain surrounding surfaces.

Important

Repair leaks promptly to prevent issues such as mold growth. For technical, system, and warranty information, visit razorback.com or call.

Visit Razorbackroof.com

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