Application guide

Henry® LowSlope™ One-Ply Roof-In-A-Roll

Tools: Utility knife with hook blade, hammer, caulking gun, chalk line, trowel, seam roller (optional) or paint roller for deck primer application, measuring tape

Acceptable deck materials: Minimum 15/32" (12 mm) plywood or oriented strand board (OSB). Plank or mill decks are not acceptable. Decks must be well secured without excessive defection. Nails and screws must be secure to prevent backout. Loose fasteners should be removed.
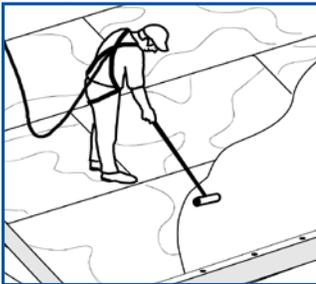
Fasteners: Minimum 3/4" (19 mm) nails through 1" (25 mm) metal caps, sufficient to penetrate deck

Deck primer: Use Henry® 545 Aquatac™ Primer

Rubberized sealant: Use Henry® 900 Construction and Flashing Sealant, Henry® Polybitume® 570-05 or Henry® 925 BES Sealant

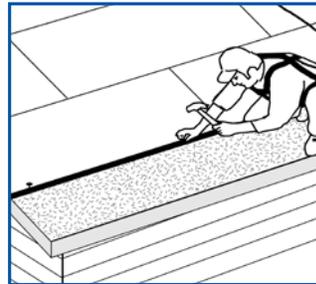**Available warranty:** 15 years (see packaging for details)

1. Preparation

Install metal drip edge at rake and eave. Apply primer by roller or pump-up sprayer at a rate of approx. 300 ft²/gal. (28 m²/3.78 L). Allow to dry.
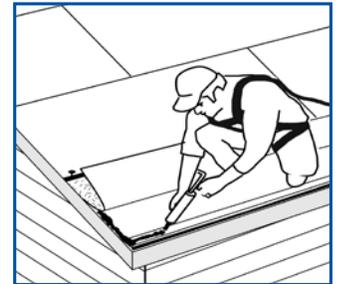
2. Sheet installation

Cut rolls in half and allow to lay flat to relax for 20 minutes. Align at eave.

3. Sheet installation

Tack nails in place along selvedge, sufficient to hold sheet temporarily. Do not drive fully as they will later be removed.

4. Sheet installation

Fold back lower portion of sheet and apply rubberized sealant to metal edge and rake.
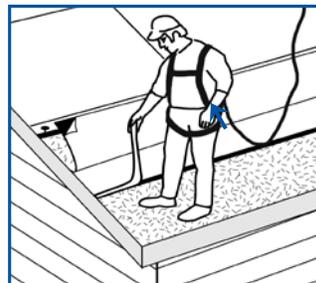
5. Sheet installation

Remove release film from lower portion and set in place. Be careful to ensure that sheet lays flat and wrinkle free.

6. Sheet installation

Remove nails. Apply sealant to rake; release film from the upper portion and adhere in place.

7. Sheet installation

Install subsequent rows by removing the release film as well as the zip strip, then adhering the upper portion.
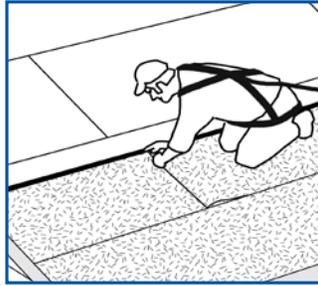
8. Sheet installation

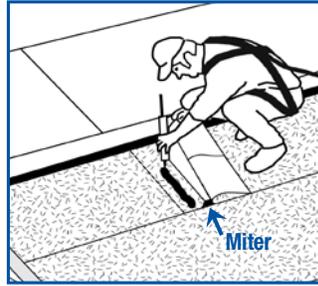Seal at rake and set in place. Apply pressure at laps (image 14).
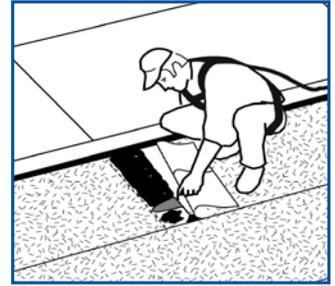
9. End laps

Overlap 6" (150 mm).

10. End laps
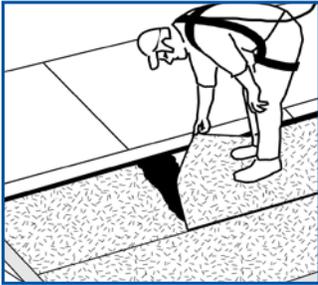
And mark. Stagger end laps.

11. End laps

Miter

Apply rubberized sealant prior to adhering in place. Miter corner of second or middle sheet at "T" joints.
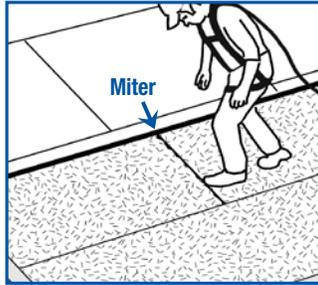
12. End laps

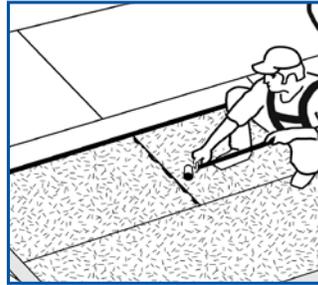Spread sealant over granulated area to be overlapped.

13. End laps

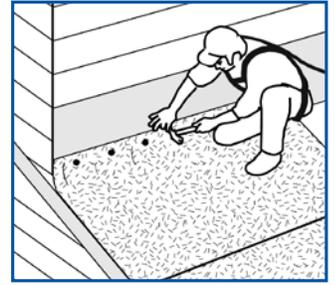Remove release film and set in place.

14. End laps

Miter

Ensure a proper seal especially at edges and overlaps by applying foot pressure...
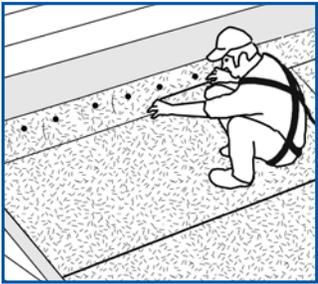
15. End laps

... or by using a roller.

16. Wall flashing

Remove lower two boards from wall to provide even substrate. Extend sheet up wall 8" (200 mm) and nail at top 12" (300 mm) apart on center.

17. Wall flashing

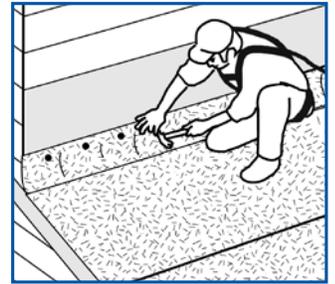Set chalk line 6" (150 mm) out from wall.

18. Wall flashing
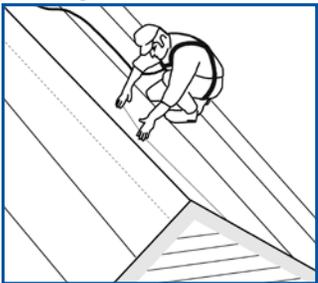
Apply sealant over granules.

19. Wall flashing

Spread sealant over surface evenly with trowel. Allow to dry for 1 hour minimum.
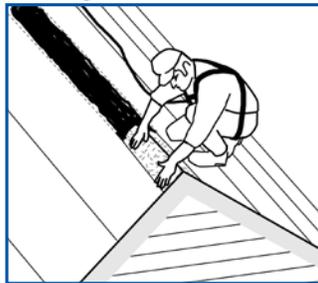
20. Wall flashing

Cut flashing membrane to size. Set in sealant and nail at top 12" (300 mm) apart on center. Re-install siding after completion to cover top of flashing.

21. Ridge detail

Extend ply sheets to ridge. Snap chalk line 6" (150 mm) on each side of ridge.
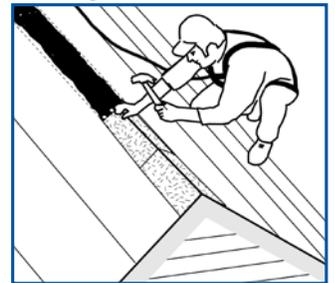
22. Ridge detail

Apply sealant along chalked line. Cut strips of sheet and set into sealant. Note: Roof slope not shown to scale.
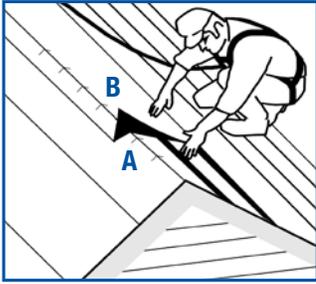
23. Ridge detail
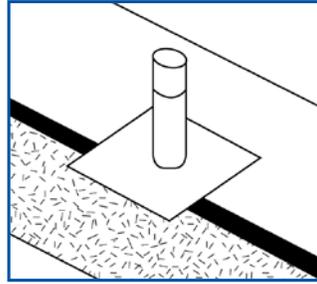
Nail through 3" (76 mm) selvedge.

24. Ridge detail

Continue installing ridge flashing sheets overlapping 3" (76 mm) and nailing through 3" (76 mm) selvedge.
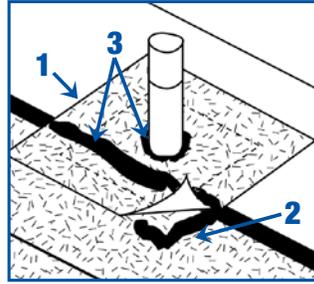
25. Ridge alternative

Run ply sheet "A" over ridge 6" (150 mm). Run ply sheet from other side of roof "B" over ridge a minimum of 6" (150 mm). Set in sealant where sheet overlaps granules.
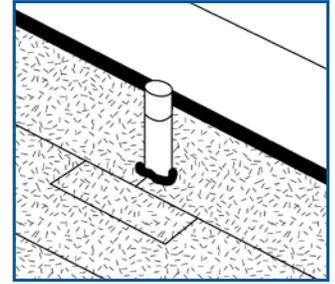
26. Vent (soil pipe)

Stop application of sheet at soil pipe. Place pre-formed flashing over soil pipe.
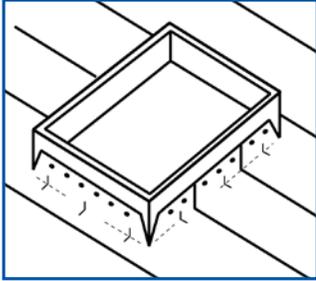
27. Vent (soil pipe)

1. Cut piece 4" (100 mm) larger than flashing. 2. Set in sealant spread 3" (76 mm) wide around perimeter. 3. Apply sealant over granulated flashing at lap line and around pipe.
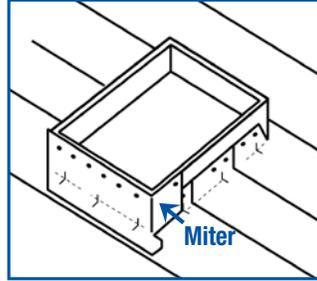
28. Vent (soil pipe)
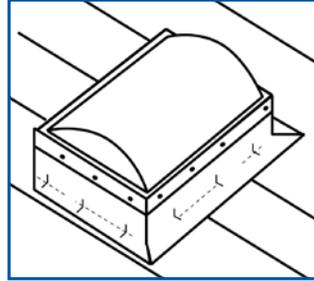
Continue application.

29. Skylights and curbs

Turn ply sheets up at curb a minimum of 2" (50 mm) and nail 8" (200 mm) apart on center.
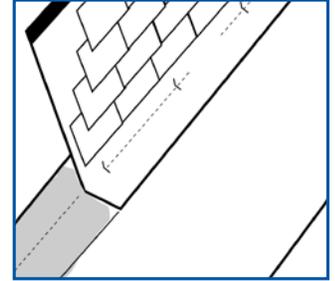
30. Skylights and curbs

Install flashing sheet, beginning at the low end, extending 6" (150 mm) out from curb. Set in sealant. Nail at top of curb 8" (200 mm) apart on center.

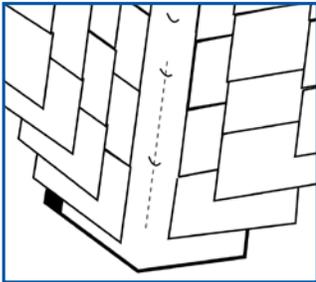### 31. Skylights and curbs

Complete flashing sheets on all sides, setting in sealant. Set skylight in place or provide metal cap flashing.
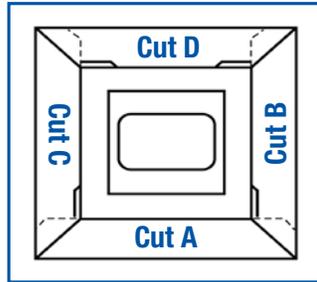
32. Shingle tie-in

Run final ply sheet a minimum 18" (454 mm) under shingles. Set lower portion of final ply sheet into sealant as shown by shaded area.
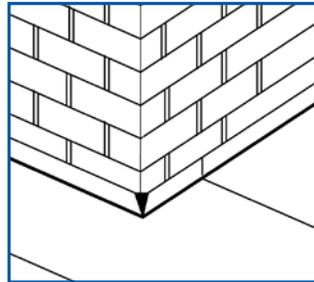
33. Valley

Center sheet in valley. Do not install shingle nails within 12" (300 mm) of centerline of valley.

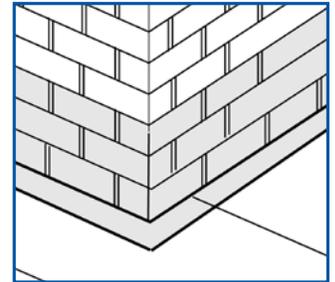### 34. Chimney flashing

Cut D
Cut C
Cut B
Cut A

Plan detail
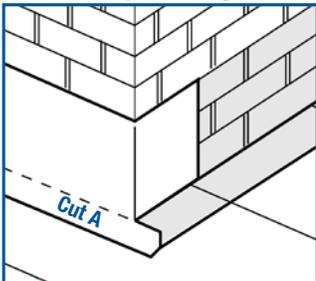-flashing sheets

35. Chimney flashing

Run ply sheets a minimum of 2" (50 mm) up chimney.

36. Chimney flashing

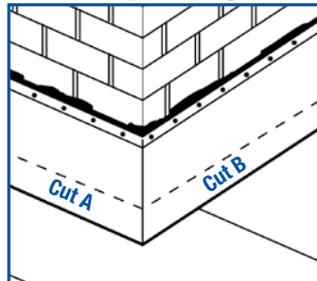Trowel apply sealant 8" (200 mm) up chimney and 6" (150 mm) on to the roof surface. Allow to set for minimum of 1 hour.
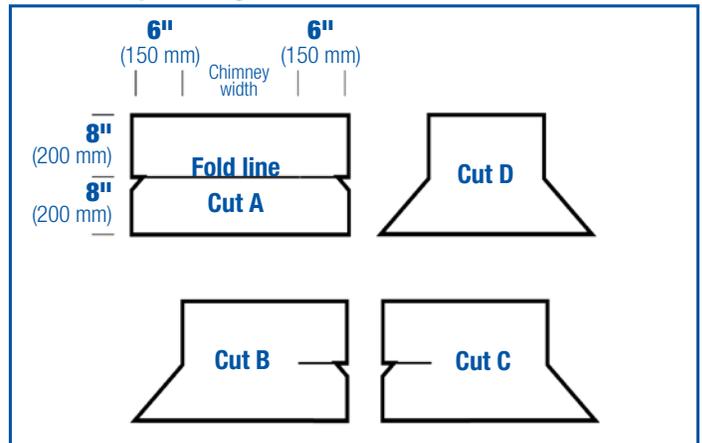
37. Chimney flashing

Cut A

Install flashing sheet "A". Extend 8" (200 mm) up chimney and 6" (150 mm) on to roof surface.

38. Chimney flashing

Cut A
Cut B

Install flashing sheets "B", "C" and "D". Install termination bar at top of flashing sheet and apply bead of sealant.

39. Chimney flashing

6" (150 mm)   6" (150 mm)
Chimney width
8" (200 mm)
Fold line
8" (200 mm)
Cut A
Cut D
Cut B
Cut C

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