

Use this detail when applying CertainTeed built-up and SBS-modified bitumen roll goods on slopes greater than 1:12 and APP-modified bitumen membranes on slopes greater than 2:12

**Base Sheet**

As with standard application, the width of the first sheet shall be cut to allow all side laps to be staggered:

|                   | 2-PLY SYSTEMS           |                        | 3-PLY SYSTEMS         |                         |                        |
|-------------------|-------------------------|------------------------|-----------------------|-------------------------|------------------------|
|                   | Base                    | Cap                    | Base                  | Interply                | Cap                    |
| Starter Row Width | 19-11/16"<br>(1/2 roll) | 39-3/8"<br>(full roll) | 26-1/4"<br>(2/3 roll) | 19-11/16"<br>(1/2 roll) | 39-3/8"<br>(full roll) |

Apply parallel to slope, overlapping side laps minimum 2" and/or as building code requires. Mechanically attach with ring shank nails through tin discs or other approved fasteners<sup>1</sup> spaced a minimum 9" o.c. in sidelaps and 18" o.c. in the field, two staggered rows. At the ridge line, beginning 1" from the leading edge of the sheet, fasten 12" o.c. Overlap all end laps 4". At endlaps, fasten the top edge of the overlapped sheet 12" o.c.:

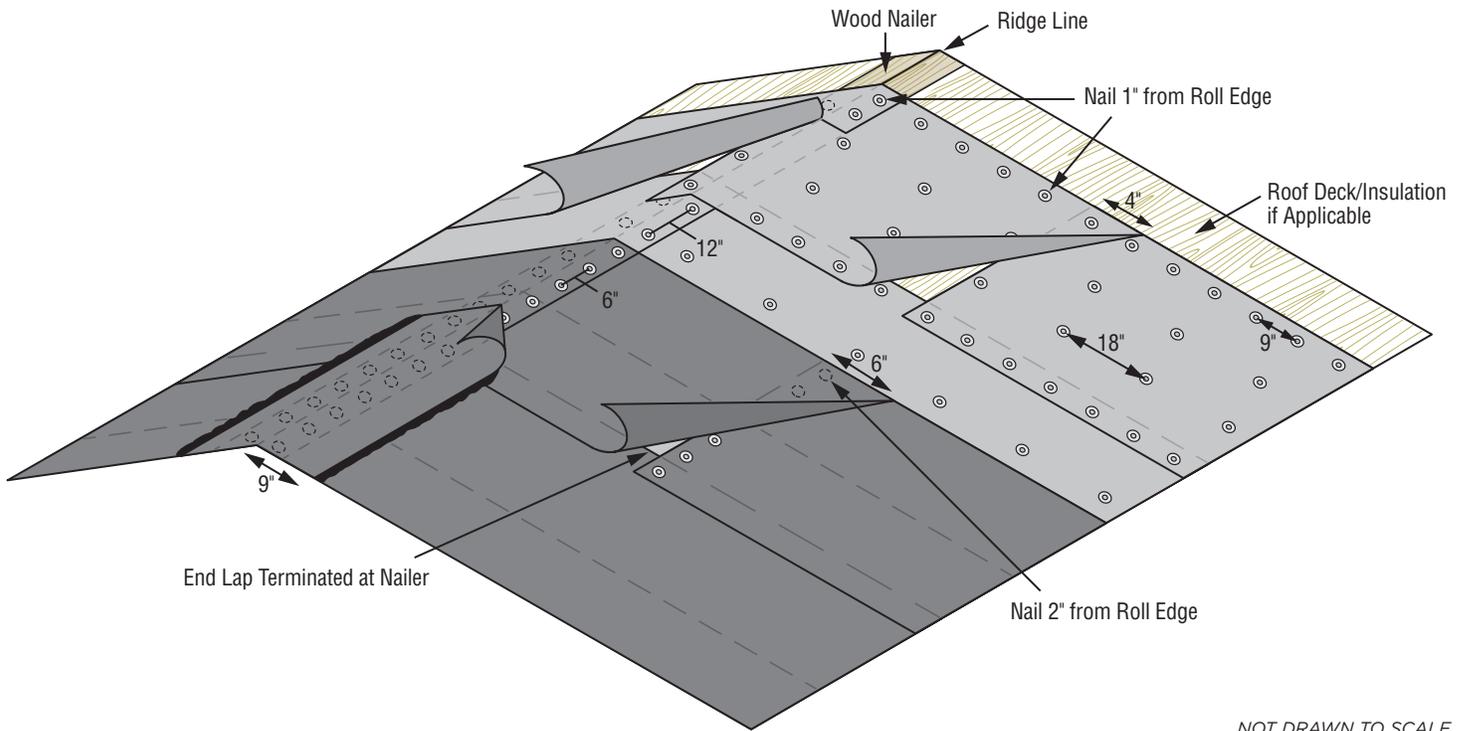
**Cap Sheet**

Fully adhere (self-adhered, torch, cold adhesive or hot asphalt). Proper attachment is defined by specified system, product selection, and substrate type. Apply parallel to slope, overlapping side laps minimum 3" and/or as building code requires. Beginning at the ridge line nailer, and 2" from the leading edge of the sheet, fasten to nailer with ring shank nails through tin discs or other approved fasteners<sup>1</sup> spaced 6" o.c. Overlap all end laps 6". At endlaps, fasten the top edge of the overlapped sheet 12" o.c.

**Header Flashing Strip**

Install a minimum 9" beyond field sheets on both sides of the ridge. Properly treat the granulated surface of Cap Sheet where the Header Flashing Strip overlap occurs:

**If self-adhered or using cold-adhesive** apply FlintBond® Trowel to entire lapped surface with 1/4" bleed out or (in cold weather<sup>2</sup>) hot air weld<sup>3</sup> with bead of FlintBond Caulk at edge; **if torch-welded** (cap only<sup>4</sup>) heat sink/scrape the granules with heated trowel or granular embedment tool and ensure 1/4" bleed out; **if using hot asphalt** apply to entire lapped surface with 1/4" bleed out.



NOT DRAWN TO SCALE

<sup>1</sup>See Flintlastic Applicator Handbook - Reference Table - General Guide to Mechanical Fasteners.

<sup>2</sup>20°F-49°F (-6.6°C-4.4°C)

<sup>3</sup>Apply heat from a hot-air welder with a 2" tip to the overlapped granular surface while applying rolling pressure from a silicone roller to the overlapping Cap. With the hot air welder set between 900°F-1,100°F (setting 8-10), apply heat to the overlap interface while bonding Cap with rolling pressure on the granulated surface. Roll the overlapping Cap in place, moving the hot air welder to allow for forward progress. Avoid applying so much heat or moving at a pace that results in smoke. Apply a bead of FlintBond Caulk along the edge. Continue overlap application, 2"-3" per pass.

<sup>4</sup>When potential fire hazards can be mitigated CertainTeed considers it acceptable to direct torch provided low output (50,000 BTU or less) equipment is used; when potential fire hazards cannot be mitigated indirect torching methods should be utilized.