

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.

Nailers

Install minimum 3-1/2" wide nailers or woodblocking set flush to surface of deck at all eaves, ridges, rakes and base of curbs. Nailer spacing is membrane dependent:

SLOPE	Membrane	Polyester Reinforced		Fiberglass Reinforced
		SBS-Modified	APP-Modified	
1"		32' o.c.	N/A (do not backnail)	8' o.c.
2"-3"			32' o.c.	
3"<		16' o.c.	16' o.c.	

Base Sheet

Fully adhere (self-adhered, torch, cold adhesive or hot asphalt). Proper attachment is defined by specified system, product selection, and substrate type. 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" (1/2 roll)	39-3/8" (full roll)	26-1/4" (2/3 roll)	19-11/16" (1/2 roll)	39-3/8" (full roll)

Apply parallel to slope, overlapping side laps minimum 2" and/or as building code requires. Beginning 1" from the leading edge of the sheet, fasten to nailers with ring shank nails through tin

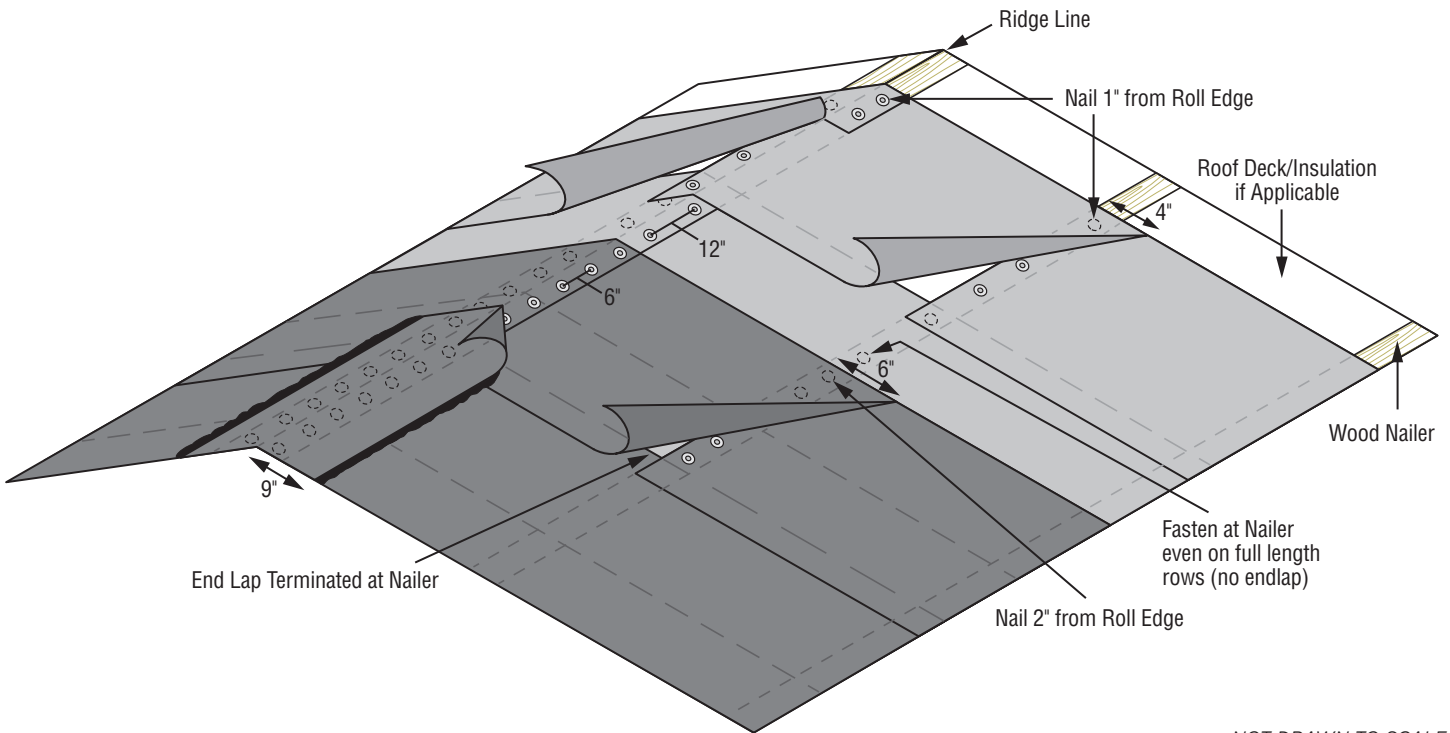
discs spaced 12" o.c. Overlap all end laps 4". Endlaps must occur at nailers such that the top edge of the overlapped sheet can be fastened to the nailer and the fastener completely covered. Fasten roll into each nailer throughout the deck even if length of a single roll covers the entire deck/substrate (no endlaps).

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 spaced 6" o.c. Overlap all end laps 6". Endlaps must occur at nailers such that the top edge of the overlapped sheet can be fastened to the nailer and the fastener completely covered. If length of roll covers the entire deck/substrate (no endlaps), roll should not be fastened at each nailer, just at the ridge.

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) hot air weld² with bead of FlintBond Caulk at edge; **If torch-welded** (cap only³) 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

¹20°F-49°F (-6.6°C-4.4°C)

²Apply 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.

³When 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.