

TABLE B-25

SBCCI TABLE 2306.1

TABLE 2306.1 FASTENING SCHEDULE		
CONNECTION	FASTENER	NUMBER OR SPACING
Band joist to sill or top plate, toe nail	8d	6" o.c.
Joist to band joist, face nail	16d common	3
Joist to sill or girder, toe nail	8d common	3
Bridging to joist, toe nail each end	8d common	2
Ledger strip	16d common	3 at each joist
1x6 or less subfloor to each joist, face nail	8d common	2
Over 1x6 subfloor to each joist, face nail	8d common	3
2-inch subfloor to joist or girder, blind and face nail	16d common	2
Sole plate to joist or blocking, face nail	16d common	16" o.c.
Top or sole plate to stud, end nail	16d common	2
Stud to sole plate, toe nail	8d common	4
Doubled studs, face nail	10d common	24" o.c.
Doubled top plates, face nail	10d common	16" o.c.
Top plates, lap and intersections face nail	—	2-16d or 3-10d common
Continuous header, two pieces	16d common	16" o.c. along each edge
Ceiling joists to plate, toe nail	8d common	3
Continuous header to stud, toe nail	8d common	3
Ceiling joists, laps over partitions, face nail	—	3-16d or 4-10d common
Ceiling joists to parallel rafters, face nail	—	3-16d or 4-10d common
Rafter to plate, toe nail	8d common	3
1-inch brace to each stud and plate, face nail	8d common	2
1x8 or less sheathing to each bearing, face nail	8d common	2
Over 1x8 sheathing to each bearing, face nail	8d common	3
Built-up corner studs	16d common	24" o.c.
Built-up girders and beams, of three members	20d common	32" o.c. at top and bottom and staggered 2 ends and at each splice.
2-inch planks	16d common	2 each bearing
Studs to sole plate, end nail	16d common	2 each end

(continued)

TABLE B-25(CONTINUED)

SBCCI TABLE 2306.1 (CONTINUED)

TABLE 2306.1 (continued) FASTENING SCHEDULE		
CONNECTION	FASTENER	NUMBER OR SPACING
Wood Structural Panel Subflooring ⁷ 15/32", 1/2", 7/16"	6d common, annular or spiral thread	6" o.c. edges and 12" o.c. intermediate
19/32"-3/4"	8d common or 6d annular or spiral thread	6" o.c. edges and 12" o.c. intermediate
1", 1 1/8"	10d common or 8d annular or spiral thread	6" o.c. edges and 6" o.c. intermediate ⁹
15/32", 1/2", 7/16"	16 ga galvanized wire staples, 3/8" minimum crown 1 5/8" length	4" o.c. edges and 7" o.c. intermediate
19/32", 5/8"	16 ga galvanized wire staples, 3/8" minimum crown 1 5/8" length	2 1/2" o.c. edges and 4" o.c. intermediate
Wood Structural Panel Roof & Wall Sheathing and Particleboard Wall Sheathing 1/2" or less	6d common	6" o.c. edges and 12" o.c. intermediate
19/32" or greater	8d common	6" o.c. edges and 12" o.c. intermediate
5/16" - 1/2"	16 ga galvanized wire staples, 3/8" min. crown. Length of 1" plus wood structural panel or particleboard thickness	4" o.c. edges and 8" o.c. intermediate
19/32" - 3/4"	16 ga galvanized wire staples, 3/8" min. crown. Length of 1" plus wood structural panel or particleboard thickness	2" o.c. edges and 5" o.c. intermediate
Fiberboard Sheathing ¹ 1/2" Regular	6d common nail or 11 ga. galv. roofing nail 1 1/2" long with 7/16" head	6" o.c. at edges, 12" o.c. at other bearing areas
1/2" Structural	8d common nail or 11 ga. galv. roofing nail 1 1/2" long with 7/16" head	3" o.c. at edges, 6" o.c. at other bearing areas
25/32" Structural	8d common nail or 11 ga. galv. roofing nail 1 3/4" long with 7/16" head	3" o.c. at edges, 6" o.c. at other bearing areas
Gypsum Sheathing 1/2"	11 ga 1 1/2" galvanized 7/16" head	4" o.c. at edges 8" o.c. at other bearings
5/8"	11 ga 1 3/4" galvanized 7/16" head	4" o.c. at edges 8" o.c. at other bearings
Gypsum Wallboard 1/2"	1 3/8" drywall nail ²	7" o.c. on ceilings 8" o.c. on walls
5/8"	1 1/2" drywall nail ²	7" o.c. on ceilings 8" o.c. on walls
Particleboard Siding 5/16" - 1/2" ³ 5/8" ⁵ 3/4" ⁶	6d ⁴ 8d ⁴ 8d ⁴	

(continued)

TABLE B-25(CONTINUED)

SBCCI TABLE 2306.1 (CONTINUED)

TABLE 2306.1 (continued) FASTENING SCHEDULE		
CONNECTION	FASTENER	NUMBER OR SPACING
Hardboard Lap Siding Direct to Studs ⁵	8d ⁶ corrosion-resistant with minimum shank diameter of 0.099 inch and minimum head diameter of 0.240 inch	16 inch o.c. at top and bottom edges
Hardboard Lap Siding Over Sheathing	10d ⁶ corrosion resistant with minimum shank diameter of 0.099 inch and minimum head diameter of 0.240 inch	16 inch o.c. at top and bottom edges
Hardboard Panel Siding Direct to Studs	6d ⁶ corrosion-resistant with minimum shank diameter of 0.092 inch and minimum head diameter of 0.225 inch	6 inch o.c. at edges and 12 inch o.c. at intermediate supports
Hardboard Panel Siding Over Sheathing	8d ⁶ corrosion resistant with minimum shank diameter of 0.092 inch and minimum head diameter of 0.225 inch	6 inch o.c. at edges and 12 inch o.c. at intermediate supports

For SI: 1 in = 25.4 mm.

Notes:

1. Fiberboard sheathing may be stapled using 16 ga galvanized staples 1 1/8" long for 1/2" sheathing and 1 1/2" long for 25/32" sheathing. Staples to have minimum crown of 7/16" and spaced 3" o.c. at edges and 6" o.c. at other bearings.
2. Drywall nails shall conform to ASTM C 514.
3. Siding applied to 5/8" net wood sheathing, 15/32" wood structural panel or 1/2" particleboard sheathing.
4. Corrosion-resistant nails spaced 6" on center at edge and 8" on center at intermediate supports. Nails shall have a minimum edge distance of 3/8".
5. Siding applied to studs spaced 16" on center maximum.
6. Siding applied directly to studs spaced 24" on center maximum.
7. Use annular or spiral thread nails for combination subfloor/underlayment (single floor).
8. Nail must be of sufficient length to accommodate thickness of siding and sheathing, if used, and allow minimum stud penetration of 1 1/2 inches.
9. For 1-inch wood structural panels, 12" on center intermediate nailing shall be permitted.