NAILING SCHEDULE - 1994 UBC TABLE 23-I-Q

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| CONNECTION | NAILING |
|---|--|
| 1. Joist to sill or girder, toenail | 3-8d (<u>1</u>) |
| 2. Bridging to joist, toenail each end | 2-8d |
| 3. 1" x 6" (25 mm x 152 mm) subfloor or less to each joist, face nail | 2-8d |
| 4. Wider than 1" x 6" (25 mm x 152 mm) subfloor to each joist, face nail | 3-8d |
| 5. 2" (51 mm) subfloor to joist or girder, blind and face nail | 2-16d |
| 6. Sole plate to joist or blocking, typical face nail Sole plate to joist or blocking | 16d @ 16" (406 mm) o.c. |
| at braced wall panels | 3-10d per 10" (400 mm) o.c. |
| 7. Top plate to stud, end nail | 2-16d |
| 8. Stud to sole plate | 4-8d toenail, or 2-16d end nail |
| 9. Doubled studs, face nail | 16d @ 24" (610 mm) o.c. |
| 10. Doubled top plates, typical face nail | 16d @ 16" (406 mm) o.c. |
| Double top plates, lap splice | 8-16d |
| 11. Blocking between joists or rafters to top plate, toenail | 3-8d |
| 12. Rim joist to top plate, toenail | 8d @ 6" (152 mm) o.c. |
| 13. Top plates, laps and intersections, face nail | 2-16d |
| 14. Continuous header, two pieces | 16d at 16" (406 mm) o.c. along each edge. |
| 15. Ceiling joists to plate, toenail | 3-8d |
| 16. Continuous header to stud, toenail | 4-8d |
| 17. Ceiling joists, laps over partitions, face nail | 3-16d |

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| 18.Ceiling joists to parallel | |
|---|--|
| rafters, face nail | 3-16d |
| 19.Rafter to plate, toenail | 3-8d |
| 20. 1" (25 mm) brace to each stud | 2-8d |
| | 2-00 |
| or less to each bearing, face nail | 2-8d |
| 22. Wider than 1" x 8" (25 mm x 203 mm) | |
| sheathing to each bearing, face nail | 3-8d |
| 23. Built-up corner studs | 16d @ 24" (610 mm)o.c. |
| 24. Built-up girder and beams | 20d @ 32" (813 mm)o.c. at top and bottom and staggered, 2-20d at ends and at each splice. |
| 25. 2" (51 mm) planks | 2-16d at each bearing |
| 26. Wood structural panels and particleboard: (2) | |
| Subfloor, roof and wall sheathing (to framing): (1 inch = 25.4 mm) | |
| 1/2" and less | 6d (<u>3</u>) |
| 19/32" - 3/4" | 8d (<u>4</u>) or 6d (<u>5</u>) |
| 7/8" - 1" | 8d (<u>3</u>) |
| 1 1/8" - 1 1/4" | 10d (4) or 8d (5) |
| Combination subfloor-underlayment (to framing): (1 inch = 25.4 mm) | |
| 3/4" and less | 6d (5) |
| 7/8" - 1" | 8d (5) |
| 1 1/8" - 1 1/4" | 10d (4) or 8d (5) |
| 27. Panel siding (to framing): | |
| 1/2" (13 mm) or less | 6d (<u>6</u>) |
| 5/8" (16 mm) | 8d (<u>6</u>) |
| | |
| 28. Fiberboard sheathing: (7) | N 11 (0) |
| 1/2" (12 mm) thickness | No. 11 ga. $(\underline{8})$ |
| 1/2 (13 mm) unexness | No. 16 ga. (9) |
| | |
| | No. 11 ga. (<u>8</u>) |
| 25/32" (20 mm) thickness | 8d(4) |
| | No. 16 ga.($\underline{9}$) |

| 29. Interior paneling | |
|-----------------------|------------------|
| 1/4" thickness | 6d (<u>10</u>) |
| 3/8" thickness | 8d (<u>11</u>) |

1. Common or box nails may be used except where otherwise stated.

2. Nails spaced at 6 inches (152 mm) on center at edges, 12 inches (305 mm) at intermediate supports except 6 inches (152 mm) at all supports where spans are 48 inches (1219 mm) or more. For nailing of wood structural panel and particleboard diaphragms and shear walls, refer to Section 2314.3. Nails for wall sheathing may be common, box or casing.

3. Common or deformed shank.

4. Common.

5. Deformed shank.

6. Corrosion-resistant siding and casing nails conforming to the requirements of Section 2325.1.

7. Fasteners spaced 3 inches (76 mm) on center at exterior edges and 6 inches (152 mm) on center at intermediate supports.

8. Corrosion-resistant roofing nails with 7/16"-diameter-head (11 mm) and 1 1/2-inch (38 mm) length for 1/2-inch (13 mm) sheathing and 1 3/4-inch (44 mm) for 25/32-inch (20 mm) sheathing conforming to the requirements of Section 2325.1.

9. Corrosion-resistant staples with 7/16-inch (11 mm) crown and 1 1/8-inch (29 mm) length for 1/2-inch (13 mm) sheathing and 1 1/2-inch (38 mm) length for 25/32-inch (20 mm) sheathing conforming to the requirements of Section 2325.1.

10. Panel supports at 16 inches (406 mm) [20 inches (508 mm) if strength axis in the long direction of the panel, unless otherwise marked]. Casing or finish nails spaced 6 inches (152 mm) on panel edges, 12 inches (305 mm) at intermediate supports.

11. Panel supports at 24 inches (610 mm). Casing or finish nails spaced 6 inches (152 mm) on panel edges, 12 inches (305 mm) at intermediate edges.