

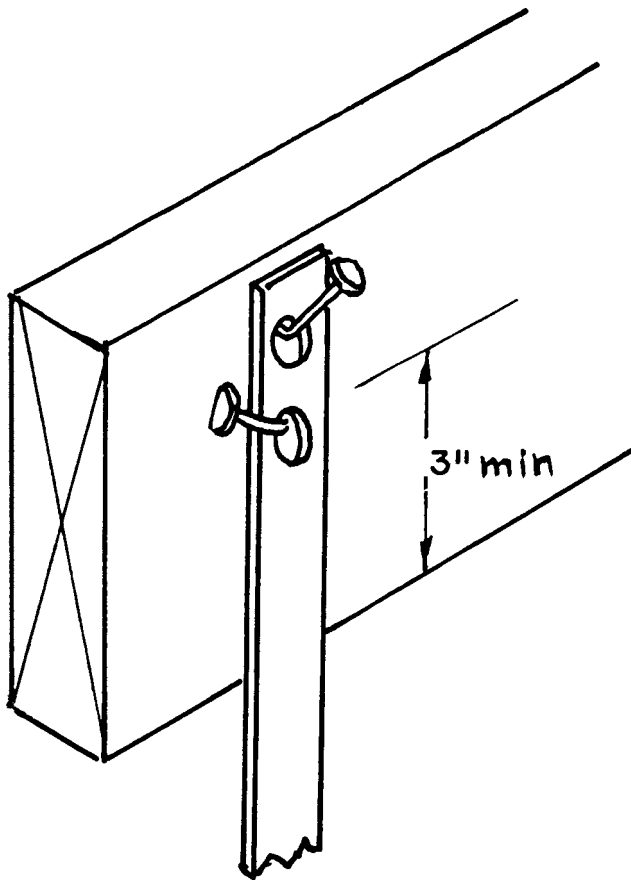


FIG. 7 Flat Hanger Attached to Support Using Nails

plaster base. Staples shall have crowns not less than $\frac{3}{4}$ in. (19.05 mm) and shall engage not less than three strands of lath and penetrate the wood framing members not less than $\frac{3}{4}$ in. (19.05 mm). When metal lath is applied over sheathing, use fasteners that will penetrate the structural members not less than $\frac{3}{4}$ in. (19 mm).

7.10.2.3 Expanded $\frac{3}{8}$ in. (9.5 mm) rib lath shall be attached to horizontal and vertical wood framing members with nails or staples to provide not less than $1\frac{3}{4}$ -in. (44.5-mm) penetration into horizontal wood framing members, and $\frac{3}{4}$ -in. (19.1-mm) penetration into vertical wood framing members.

7.10.2.4 Common nails shall be bent over to engage not less than three strands of lath, or be bent over a rib when rib lath is installed.

7.10.2.5 Screws used to attach metal plaster base to horizontal and vertical wood framing members shall penetrate not less than $\frac{5}{8}$ in. (15.9 mm) into the member when the lath is installed and shall engage not less than three strands of lath. When installing rib lath, the screw shall pass through, but not deform, the rib.

7.10.3 *Attachments for Metal Plaster Bases to Metal Framing Members:*

7.10.3.1 Except as described in 7.10.3.2, all metal plaster bases shall be securely attached to metal framing members with 0.0475-in. 18 gauge (1.21-mm) wire ties, clips or by other means of attachment which afford carrying strength and resistance to corrosion equal to or superior to that of the wire.

7.10.3.2 Rib metal lath shall be attached to open-web steel joists by single ties of galvanized, annealed steel wire, not less than 0.0475 in. (1.21 mm), with the ends of each tie twisted together $1\frac{1}{2}$ times.

7.10.3.3 Screws used to attach metal plaster base to metal framing members shall project not less than $\frac{3}{8}$ in. (9.5 mm) through the metal framing member when the lath is installed and shall engage not less than three strands of lath. When installing rib lath, the screw shall pass through, but not deform, the rib.

7.10.4 *Attachments for Metal Plaster Bases to Concrete Joists*—Rib metal lath shall be attached to concrete joists by loops of 0.0800-in. (2.03-mm) galvanized, annealed steel wire, with the ends of each loop twisted together.

7.10.5 Metal plaster bases shall be attached to masonry or concrete with power or powder actuated fasteners or a combination of power or powder actuated fasteners and hardened concrete stub nails. One power or powder actuated fastener shall be located at each corner and one at the mid point of the long dimension adjacent to the edge of the metal plaster base sheet. The balance of the sheet shall be fastened with power or powder actuated fasteners or hardened concrete stub nails. The fasteners shall be installed in rows not more than 16 in. (406 mm) on center and spaced vertically along each row not more than 7 in. (178 mm) on center. All fasteners shall be corrosion resistant and shall be not less than $\frac{3}{4}$ in. (19 mm) long, with heads not less than $\frac{3}{8}$ in. (9.5 mm) wide.

7.11 *Application of Accessories:*

7.11.1 *General*—All metal accessories shall be installed in such a manner than flanges and clips provided for their attachment are completely embedded in the plaster.

horizontal internal angles with a casing bead, control joint, or similar device designed to keep the edges and ends of the ceiling lath and plaster free of the adjoining vertically oriented, or penetrating elements. Cornerite shall not be used at these locations. A clearance of not less than $\frac{3}{8}$ in. (9.5 mm) shall be maintained between the bead and all such elements.

7.10.1.7 Where load bearing walls or partitions butt into structural walls, columns, or floor or roof slabs, the sides or ends of the wall or partition lath shall be terminated at the internal angles with a casing bead, expansion/control joint, or similar device designed to keep the sides and ends of the wall or partition lath free of the adjoining elements. Cornerite shall not be used at these internal angles. A clearance of not less than $\frac{3}{8}$ in. (9.5 mm) shall be maintained from all abutting walls, columns, or other vertical elements.

7.10.2 *Attachments for Metal Plaster Bases to Wood Framing Members:*

7.10.2.1 Lath shall be attached to framing members with attachments spaced not more than 7 in. (178 mm) on centers along supports.

7.10.2.2 Diamond-mesh expanded metal lath, flat-rib expanded metal lath, and wire lath shall be attached to horizontal wood framing members with $1\frac{1}{2}$ -in. (38.1-mm) roofing nails driven flush with the plaster base and attached to vertical wood framing members with 6d common nails, or 1-in. (25-mm) roofing nails driven to a penetration of not less than $\frac{3}{4}$ in. (19.1 mm), or 1-in. (25-mm) wire staples driven flush with the