



Installation Instructions **Woven Wire 1" x 20ga**

1" 20 Netting: 1" 20 gauge, self-furred stucco netting is designed for the proprietary "one-coat" exterior systems over solid sheathing backing while the non-furred stucco netting is designed for the expanded, polystyrene (EPS) insulation board systems.

Installation:

- 1.** Check flashing paper around all openings and ascertain the job is ready to receive the sheathed substrate.
- 2.** Where wood based sheathing has been installed check that a 1/8" gap exists around the perimeter of the sheets as per the American Plywood Association.
- 3.** Expanded polystyrene (EPS) insulation board has a minimum density of 1.0 pounds per cubic foot, class 1 flame-spread rating and a smoke developed rating not exceeding 450. Un-backed boards are 1 1/2" thick and have a 3/8" tongue with compatible grooves for horizontal joints. All boards must have recognition in an evaluation report issued by the International Conference of Building Officials – Evaluation Service.
- 4.** Wood based sheathing is a minimum 5/16" thick with exterior glue for studs spaced 16" on center and a minimum 3/8" thick for studs spaced 24" on center.
- 5.** Fiber board is a minimum 1/2" thick, asphalt impregnated fiber board complying with Uniform Building Code Standard No. 25-24, as regular density sheathing.
- 6.** Gypsum sheathing water-resistive core board complying with Uniform Building Code Standard No. 47-10.
- 7.** 1" x 20 gauge, galvanized steel, woven wire fabric lath, furred or non-furred, must be self-furred or furred when applied over all substrates except un-backed polystyrene board. Self-furred lath must have sufficient clearance between the wire and substrate to allow embedment in the coating.
- 8.** 1" x 20 gauge, stucco netting, shall be identified adequately with producer's name, manufacturer's name and the International Conference of Building Officials – Evaluation Service Research Report No.
- 9.** The Uniform Building Code requires two (2) layers of Grade "D" building paper over wood based sheathing. A weather-resistive barrier is required over all substrates except for expanded polystyrene (EPS) insulation board where the barrier may be placed behind the board.
- 10.** The Uniform Building Code requires the use of a minimum 26 gauge weep screed with a minimum attachment flange of 3 1/2". Galvanized steel 1 3/8" "J" shaped trim pieces are installed at other areas where foam is exposed.
- 11.** All penetrations of exterior walls must be counter flashed with a minimum six (6) inch stripping of flashing paper at sill, side and heads.
- 12.** Woven wire lath may run parallel to rake of roof.
- 13.** Woven wire vertical laps, shall be made only at supports, but should not occur in line with framing members of door and window openings.
- 14.** The woven wire lath and sheathing shall be cut neatly and snug against all openings and terminations.
- 15.** Exterior galvanized corner reinforcements are attached top and bottom and at both sides a minimum eighteen (18) inches in center.
- 16.** The 1" x 20 gauge, galvanized wire fabric lath is applied tightly over the sheathed substrate and fastened through the board to the wood studs spaced sixteen (16) inches on center. Attach with 11 gauge galvanized roofing nails or 16 gauge galvanized staples spaced sixteen (16) inches on center with a minimum one (1) inch penetration into supporting members. Staples must have a minimum crown width of 1/2". Stapling is permitted only in Group 11 wood species. Care must be taken to avoid overdriving fasteners. Steel studs, minimum twenty-six (26) gauge, may be spaced twenty-four (24) inches on center. The wire fabric lath is fastened through the substrate and weather-resistive barrier into a metal stud with No. 7S12-20 long self-tapping, self-drilling pinhead screws spaced six (6) inches on center.
- 17.** The galvanized woven wire lath is applied with 1/2" laps at all joints. Weep screeds are installed at the bottom of the wall in accordance with Section 4706(d) of the Uniform Building Code. At doors and windows, butting "J" metal trim edges must be caulked. Holes for hose bibs, electrical panels and other penetrations of substrate surfaces except those caused by fasteners must also be caulked.



18. These recommendations are subject to the approval of the local building inspection department in which they are applied.

Important: For a successful plaster job on all types of one-coat laths, apply stucco mix with a steel trowel or gun with a scratch and double motion (single foot) in order to build up a thickness of 3/8 inch. It is absolutely necessary to cover all wire lath. For best results, use a rubber float to apply a swirl background texture to stucco, ensuring proper bone to texture finish.

Note: These installation instructions are intended to reflect the best construction practices and compliance with current Uniform Building Code requirements. No guarantees or warranties are implied and it is suggested only trained and experienced lathers be employed to make installations.