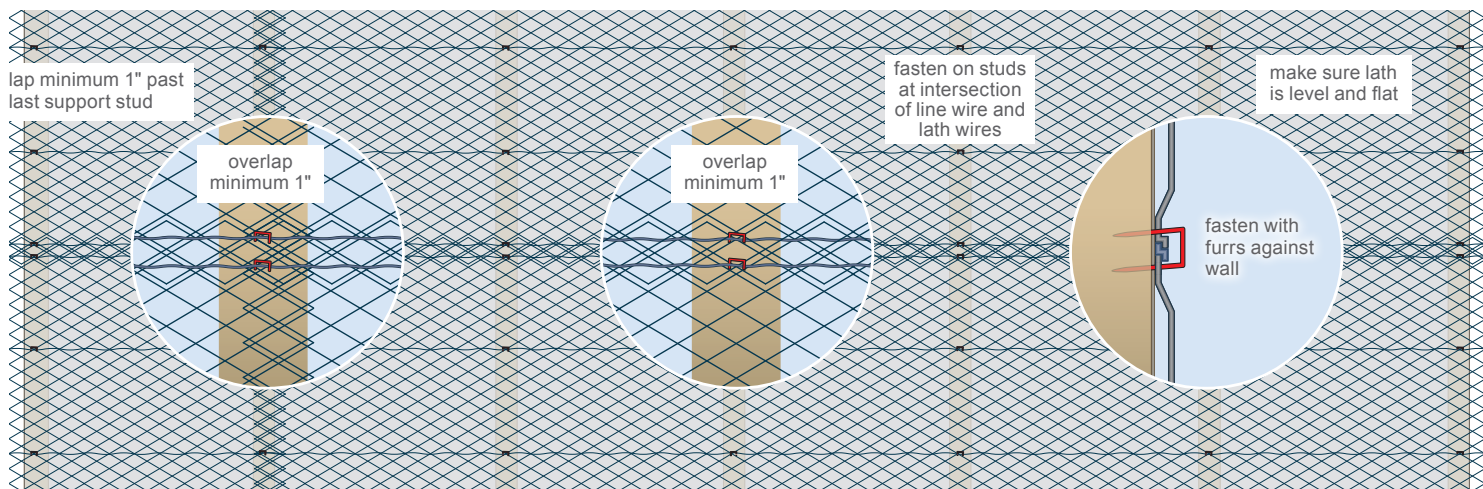


STRUCTAFUSION for One-Coat

Installation Guide

Approved to meet prevailing building codes. See IAPMO ER 2017

STRUCTAFUSION One Coat Lath is recognized for use as reinforcement for $\frac{3}{8}$ -inch-thick or $\frac{1}{2}$ -inch-thick stucco systems. The expanded metal lath is to be applied to vertical surfaces having wood or metal supports. The maximum support spacing is 16 inches (406 mm) center to center.



Step-by-Step Installation

1. Determine starting point at right corner of wall section unrolling lath working from right to the left of wall surface. Verify the lath is level and aligned to maintain a straight level run across the entire section of the wall or section in which you are installing. Ensure that the line wires face out and the furrs are against the wall
2. The lath can be carefully unrolled on the ground or on a clean surface, taking care not to step on the lath and to ensure that distortions of the lath are minimized. **Alternatively**, the lath can be unrolled against the wall and partially fastened and then cut to desired lengths. See steps 5 and 6 for more detail on this alternative. **NOTE: Ensure that the line wires face out and the furrs are oriented against the wall.**
3. Position the first run of lath along the weep screed and using fasteners, pin the lath at top sides and bottom ensuring the lath is level and running true.
4. Next, place approved fasteners over the longitudinal wire at each framing member. Where possible, the fastener should also capture the expanded metal strands.
5. As you unroll the lath and attach it to the wall surface, place fasteners approximately every 6-8 ft at the designated fastening line wires. Keep the lath flat to the wall surface removing bulges, bows or uneven areas by pulling lath from right to left. The lath should lay on the wall as flat as possible, and while fastening, ensure the lath is as level as possible. All fasteners should be positioned at the corrugated wire and expanded metal intersections.
6. Continue to the end of lath section and cut your lath at the place of termination, lapped 1" minimum, fastening past the last support stud.
7. Once the lath is pinned to wall, level, square and flat to the surface, go to midpoint of lath and attach vertically every 6 inches at the designated corrugated wire and expanded metal intersections.
8. Once the lath is tightened, fasten securely and then complete the fastening at all stud locations in the field section.
9. Proceed to next course of lath placing your second course with a minimum overlap of 1".
10. Repeat the process detailed above to completion.

Lapping:

1. **StructaFusion One Coat Wire** shall be lapped a minimum of one inch at the sides.
2. Ends shall be lapped a minimum of one inch and shall occur over supports.
3. The lath shall be installed with the long dimension perpendicular to supports, except at gable walls where the lath may be installed with the long dimension parallel to the roof slope.

Fastening: Fastener types shall comply with ASTM C1861 and fastener spacing shall comply with ASTM C1063 as applicable for metal laths. If staples are used, they should be oriented parallel to the framing member to minimize risk of missing the framing.

Note: These installation instructions are intended to reflect the best construction practices and compliance. Additional installation requirements as set forth in an evaluation report on a proprietary one-coat stucco system shall apply as applicable. It is the installer's responsibility to verify that manufacturer's installation requirements detailed above have been approved for each specific project pertaining but not limited to: drawings, specifications, building codes, inspectors, architect or designer of record and owners

For additional information, call 1-800-887-4708 or visit www.structawire.com

Note: Structa Wire has prepared these instructions as a guideline for installers – alternate installation methods may be used.