



**Standard Specification**  
**1 800 887 4708 May 2011**

**Division 09 Cement Plaster –**

09 24 00 Plaster and Gypsum Board

- Welded Wire Fabric lath
- Alternate to Expanded Metal Lath
- [Available] Manufacturers:

**1.Structa Wire Corp.**

B. Structa Welded Wire Lath – ASTM C 933

a) **Structalath No 17. SF CR II –**

1. Weight 1.0 lb/yd<sup>2</sup>
2. Finish – Class 1 Galvanized Coating complying with ASTM A641
3. Alternate lath to 1.14 lb/yd<sup>2</sup> welded wire lath specified in ASTM C933
4. As per ICC ESR-2017

b) **Structalath No 17 SF CR Twin Trac**

1. Weight 1.14 lb/yd<sup>2</sup>
2. Finish – Class 1 Galvanized Coating complying with ASTM A641
3. Alternate lath to 2.5 lb/yd<sup>2</sup> diamond mesh metal lath specified in ASTM C 847
4. As per ICC ESR-2017

c) **Structa Mega Lath**

1. Weight 1.95 lb/yd<sup>2</sup>
2. Finish – Class 1 Galvanized Coating complying with ASTM A641
3. Alternate lath to 3.4 lb/yd<sup>2</sup> diamond mesh metal lath specified in ASTM C847
4. As per ICC ESR-2017

d) **V Truss Wall & Ceiling – Rib Lath**

1. Weight 2.2 lb/yd<sup>2</sup>
2. Finish – Class 1 Galvanized Coating complying with ASTM A641
3. Alternate lath to 3.4 lb/yd<sup>2</sup> rib metal lath specified in ASTM C847
4. As per ICC ESR-2017

e) **V Truss Corners – Exterior Corner Reinforcements**

1. Available in Straight, Bullnose , Arch & One Coat profiles
2. Finish – Class 1 Galvanized Coating complying with ASTM A641
3. As per ICC ESR-2017

## **Installation**

### **a) Structalath II**

**Installation as per ESR 2017** - Fastener type and spacing as per ASTM C 1063 except that fasteners may attach to the lath to framing supports either at the furring crimps on the vertical cross wire, at the intersection of the longitudinal wire and cross wire or any point along the longitudinal wires. Maximum spacing of supports 16" OC. **Refer to current manufacturers instructions posted @ <http://www.structawire.com>**

### **b) Structalath Twin Trac**

**Installation as per ESR 2017** - Fastener type and spacing as per ASTM C 1063 except that fasteners may attach to the lath to framing supports either at the furring crimps on the vertical cross wire, at the intersection of the longitudinal wire and cross wire or any point along longitudinal wire, or the lath may be installed by placing a nail or screw fastener between the two Twin Trac longitudinal wires, or a staple over any longitudinal wire.

For installation as an alternative to 1.14 lb/yd<sup>2</sup> welded wire or 2.5 lb/yd<sup>2</sup> diamond mesh metal lath, the maximum spacing of supports must be in accordance with Table 3 of ASTM C 1063. **Refer to current manufacturers instructions posted @ <http://www.structawire.com>**

### **c) Structa Mega Lath**

**Installation as per ESR 2017** - Fastener type and spacing as per ASTM C 1063 except that fasteners may attach to the lath to framing supports either at the furring crimps on the vertical cross wire, at the intersection of the longitudinal wire and cross wire or any point along longitudinal wire. Mega Lath is designed for nail or screw or staple fastening points to coincide with the longitudinal Twin Trac wires. For alternative installations for 1.4 lb/yd<sup>2</sup> woven wire **or** to 3.4 lb/yd<sup>2</sup> diamond mesh metal lath the maximum spacing must be in accordance with Table 3 of ASTM C 1063. Mega Lath is approved for 24" OC and is to be lapped one mesh. **Refer to current manufacturers instructions posted @ <http://www.structawire.com>**

### **d) V Truss Wall and Ceiling Lath (Structa Rib Lath)**

**Installation as per ESR 2017** - Fastener type and attachment as per ASTM C 1063 except that fasteners must attach to lath at framing supports at every 2<sup>nd</sup> rib either at the furring crimps on the vertical cross wire, at the intersection of the longitudinal wire and cross wire or any point along longitudinal wire that is welded to the furring crimp. When using screws - deformation of the rib is preferable. The maximum fastener spacing for alternative installations either 1.4 lb/yd<sup>2</sup> woven wire **or** to 3.4 lb/yd<sup>2</sup> diamond mesh metal lath must be in accordance with Table 3 of ASTM C 1063. Lath must be lapped a minimum of one mesh at sides. End laps must be a minimum of one mesh and must occur over supports. The ends of the sheets must be staggered between courses. **Refer to current manufacturers instructions posted @ <http://www.structawire.com>**