



January 30, 2017

Mega Lath in comparison to Expanded Metal Lath

- **Mega Lath provides full embedment**
 - 48 durable furrings per sqft
 - Providing 1/4" embedment in stucco matrix
 - Embedment provides corrosion resistance
 - Embedment provides stucco structural enhancement
 - Full embedment is achieved without limitation to overlap area

- **Mega Lath provides less overlaps**
 - Both horizontal & vertical
 - Less cracking and material savings

- **Mega Lath is a rolled product**
 - Labour savings
 - Material savings

- **Mega Lath is a lighter weight product**
 - Heightened labour efficiency
 - Environmental sustainability advantage

- **Mega Lath is versatile and approved for both horizontal & vertical installation over Z girts**

- **Mega Lath is approved for installation up to 24" OC with or without sheathing**

- **Mega Lath is easy to attach and can be attached at the framing member anywhere on the lath – at the furring points, along the horizontal wires, at intersection of wires or between or across the twin tracs**

- **Mega Lath provides superior re-inforcement – higher deflection values**

See comparative testing report on flip side

SPECIALIZED TESTING



10600 Pioneer Boulevard, Suite G • Santa Fe Springs, California 90670 • (562) 903-0032 • Fax (562) 903-3534

SPECIALIZED TESTING • 10600 Pioneer Boulevard, Suite G • Santa Fe Springs, California 90670 • (562) 903-0032 Fax (562) 903-3534

SPECIALIZED TESTING TEST REPORT NUMBER STQA50246

RESULTS:

The results for the Transverse Strength tests are summarized in Table 1 below.

Table 1
Transverse Strength Test Result Summary

		Structa 0.7 inch by 1.5 inch Mega Lath welded wire plaster base	Code Approved 3.4 lb/yd ² Expanded Metal Lath
POSITIVE Transverse Strength	Average Peak Load (lbs)	967	476
NEGATIVE Transverse Strength	Average Peak Load (lbs)	162.3	91.6

The test results demonstrate that the Structa 0.7 inch by 1.5 inch Mega Lath welded wire plaster base test panels exceeded the performance of the code approved 3.4 lb/yd² Expanded Metal Lath in both the positive and negative transverse strength tests. The average ultimate transverse loads of the 0.7 inch by 1.5 inch Mega Lath welded wire plaster base panels exceeded the average ultimate transverse loads of the approved panel assemblies. Therefore, the 0.7 inch by 1.5 inch Mega Lath welded wire plaster base met the acceptance criteria of AC191 section 3.6.1.3 as an alternative lath to the Code Approved 3.4 lb/yd² Expanded Metal Lath.

REPORT PREPARED BY:


GREG HORECZKO
PROJECT MANAGER
7/22/08

REVIEWED BY:

