

# STRUCTALATH III 316

## Specification Sheet

IAPMO UES 2017 US Patent # 6,305,424, B1 7,287,356, B2 • CSI 09 22-36



STRUCTALATH 316 SFCR is a welded wire lath engineered to enhance the performance of stucco cladding. Structalath 316 is a modified version of our Structalath III that features a reduced furr depth for use with 1/2" systems – with or without foam. The flat furr design ensures there will be no damage to the vapour barrier and promotes uniform thickness in a one-coat system. Structalath 316 is enhanced with six secondary cold rolled longitudinal wires for improved attachment. Structalath 316 is easy to handle and improves construction site efficiency.

### FEATURES

- Our emphasis on engineering and design makes Structalath 316 a superior product that provides safety and cost benefits and enhances both the appearance and durability of stucco.
- 17 ga. galvanized steel wire is precision welded to form 1½" × 1½" openings
  - Rolls are 38 3/8" wide by 150 ft. long (50 square yards)
  - Weight of roll is 1.0 lb/yd<sup>2</sup>
  - Galvanizing of the wire meets requirements in ASTM A641-03
  - Design promotes uniform plaster thickness
  - Provides superior reinforcement and crack resistance
  - Each and every cross wire is securely furred
  - Hat channel furr provides for superior stucco embedment
  - Longitudinal wires are cold rolled (flattened) to eliminate curvature memory
  - Cold rolled (CR) process increases tensile and breaking load of wire
  - Rolls out flat and stays flat
  - Easy to fold around corners with clean bending lines
  - Structalath can be attached with either nails or staples
  - Twin wire feature provides for secure easy attachment of the lath

### DETAILS

Our extensive industry experience ensures our products deliver on the essential details.

- Width of furring leg 3/8"
- Furring height 3/16" to the underside of the cross wire
- Furring rows every 3" on centre
- Every cross wire is furred
- Tabs are aligned with edge wire and extend 1/4" beyond edge wires
- Overall width is 38 3/8". Designed for full coverage of 9'-3" wall heights including code required overlaps
- Six twin fastening wires are positioned to improve fastening

### PACKAGING

- 32 rolls per pallet
- Each roll is banded with poly strapping indicating manufacturer and IAPMO UES 2017
- English/Spanish installation instructions are available

### GREEN ATTRIBUTES

- Made from 80% recycled steel - recycling conserves natural energy resources
- Compact packaging means further reduction in total carbon footprint



*All Structa Wire products are designed to reduce waste and can be used in various wall configurations to ensure a high performing, energy-efficient stucco system that meets industry standards. Our products are manufactured from recycled steel and contribute towards LEED points.*

*With our technically superior products and skilled customer service team, we're able to find solutions to your building requirements, improving the profitability of your projects.*

*Fully conforms to the requirements for stucco reinforcing as defined in UBC, IBC and IRC building codes.*

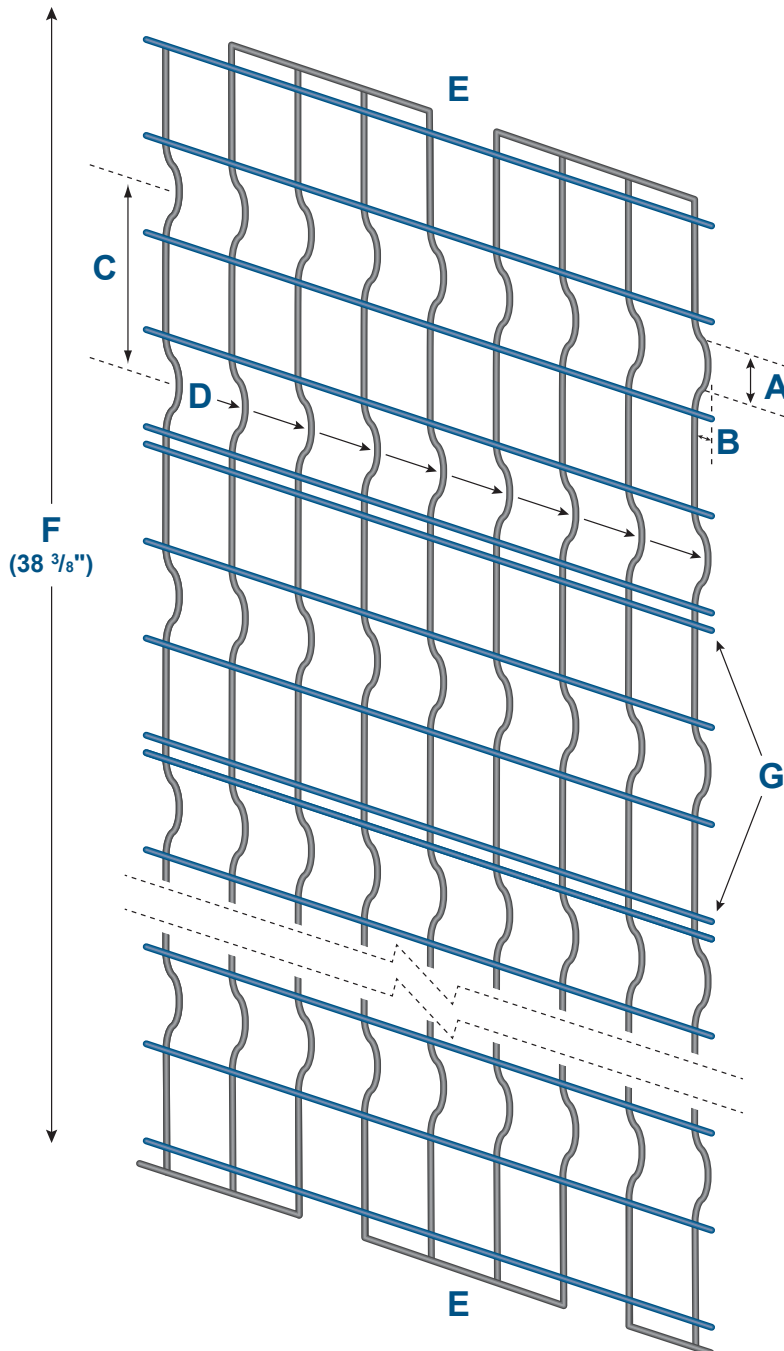
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Dimensions – Length = 150' and width = 38 3/8"

50 square yards/roll



### DETAILS

- A. Width of furring leg 3/8"
- B. Furring height 3/16" to the underside of the cross wire
- C. Furring rows every 3" on centre
- D. Every cross wire is furred
- E. Tabs are aligned with edge wire and extend 1/4" beyond edge wires
- F. Overall width is 38 3/8". Designed for full coverage of 9'-3" wall heights including code required overlaps
- G. Six twin fastening wires are positioned to improve fastening

*Note: Test results are available upon request*

Cold Rolled: All longitudinal wires are cold rolled to a structurally designed shape.

Structalath products are for use as alternative laths used as reinforcement for exterior plaster complying with IBC Section 2507, IRC Section R703.6.1 or UBC Section 2508