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STRUCTALATH NO. 17 III SFCR,
NO. 17 SFCR TWIN TRACK 2.5,
STRUCTA MEGA LATH,
STRUCTA STAINLESS STEEL MEGA LATH,
V-TRUSS WALLS AND CEILINGS LATH,
V-TRUSS WALLS AND CEILINGS LATH II,
STRUCTALATH III 316 SFCR,
STRUCTA FUSION ONE COAT LATH

CSI Sections:

- 09 22 36 Lathing
- 09 22 36.23 Metal Lath

1.0 RECOGNITION

Structa Wire Corp. Lath products recognized in this report have been evaluated for use as lath for cement plaster. The physical properties of the Structa Wire Corp. Lath products comply with the intent of the provisions of the following codes and regulations:

- 2021, 2018, 2015, 2012, and 2009 International Building Code® (IBC)
- 2021, 2018, 2015, 2012, and 2009 International Residential Code® (IRC)
- 2023 Florida Building Code, Building (FBC, Building) – attached Supplement
- 2023 Florida Residential Code, Residential (FBC, Residential) – attached Supplement
- 2022 California Building Code (CBC) – attached Supplement
- 2022 California Residential Code (CRC) – attached Supplement

2.0 LIMITATIONS

Use of Structa Wire Corp. Lath products described in this report is subject to the following limitations:

2.1 Installation shall comply with this report, the manufacturer’s published installation instructions, and the applicable code. Where conflicts occur, this report governs.

2.2 Walls shall be braced in accordance with 2021, 2018, and 2015 IBC Section 2308.6 (2012 and 2009 IBC Sections 2308.9.3 or 2308.12) or IRC Sections R602.10 and R602.12.

2.3 The Structa Wire Corp. Lath products recognized in this report are produced by Structa Wire Corp. in Vancouver, B.C., Canada.

3.0 PRODUCT USE

Structa Wire Corp. products are alternatives to laths complying with IBC Section 2510, and 2021, 2018, and 2015 IRC Section 703.7.1 (2012 and 2009 IRC Section 703.6.1), and act as reinforcement of exterior plaster complying with IBC Sections 2507 and 2512, or 2021, 2018, and 2015 IRC Section 703.7 (2012 and 2009 IRC Section R703.6).

3.1 Installation

3.1.1 Installation General: The laths shall be installed in accordance with IBC Section 2510, and either Section 2511 or 2512; 2021, 2018, and 2015 IRC Section R703.7 (2012 and 2009 IRC Section R703.6); ASTM C1063; or an evaluation report on exterior cementitious wall coating systems issued by an approved and accredited evaluation report service. The following provisions also apply to the installation:

3.1.1.1 The long dimension of the lath shall be perpendicular to supports, except that at gable walls on exterior installations, the lath may be installed with the long dimension parallel to the roof slope. This exception applies to all laths in this report, except V-Truss Walls and Ceilings Lath.

3.1.1.2 Structa Wire laths do not require wire tying of side laps as specified in Section 7.8.1 of ASTM C1063. Additional requirements on side lap installation details are provided in the Technical Bulletin-101 on Structa Wire Corp. website. This provision applies to all laths recognized in this report.

3.1.1.3 There is no limit on maximum overlap distance in either direction. This provision applies to all laths in this report, except Structa V-Truss Walls and Ceilings Lath.

3.1.1.4 Note: “All laths” include:

- i. StructaLath III No. 17 SFCR
- ii. StructaLath No. 17 SFCR Twin Trac 2.5
- iii. V-Truss Walls and Ceilings Lath
- iv. Structa Mega Lath, Structa Stainless Steel Mega Lath, and Structa Mega Power Tie Lath
- v. StructaLath III SFCR 316
- vi. Structa Fusion One Coat Lath for 3/8-inch-thick or 1/2-inch-thick stucco systems

The product described in this Uniform Evaluation Service (UES) Report has been evaluated as an alternative material, design or method of construction in order to satisfy and comply with the intent of the provision of the code, as noted in this report, and for at least equivalence to that prescribed in the code in quality, strength, effectiveness, fire resistance, durability and safety, as applicable, in accordance with IBC Section 104.11. This document shall only be reproduced in its entirety.





3.1.2 StructaLath III No. 17 SFCR: The lath shall be applied to vertical surfaces having wood or metal supports or to horizontal wood, metal, or concrete supports. The maximum support spacing shall be 16 inches (406 mm) from center to center. The fastener type shall comply with ASTM C1861 and the fastener spacing shall comply with ASTM C1063 or 2021, 2018, and 2015 IRC Section R703.7.1 (2012 and 2009 IRC Section R703.6.1), as applicable for welded wire lath, except that the fasteners shall attach the lath to the framing supports either at the furring crimps on the vertical cross wires, at the intersection of the longitudinal wire and cross 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. The lath shall be lapped with a minimum of one mesh at the sides. Ends shall be lapped a minimum of one mesh and shall occur over supports. Additional installation requirements as set forth in an evaluation report on exterior cementitious wall coating systems shall apply as applicable.

3.1.3 StructaLath No. 17 SFCR Twin Trac 2.5: The lath shall be applied to vertical surfaces having wood or metal supports or to horizontal wood, metal, or concrete supports.

For use as an alternative to the 2.5 lb/yd² (1.4 kg/m²) expanded sheet metal lath, the maximum support spacing shall comply with Table 1 of ASTM C1063 for 2.5 lbs/yd² (1.4 kg/m²) diamond mesh metal lath. The fastener type shall comply with ASTM C1861 and the fastener spacing shall comply with ASTM C1063 or 2021, 2018, and 2015 IRC Section R703.7.1 (2012 and 2009 IRC Section R703.6.1), as applicable for expanded sheet metal lath, except that the fasteners shall attach the lath to the framing supports either at the furring crimps on the vertical cross wires, or at the intersection of the longitudinal wire and cross 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 use as an alternative to the 1.14 lb/yd² (0.618 kg/m²) welded wire lath, the maximum support spacing shall comply with Table 1 of ASTM C1063 for 1.14 lb/yd² (0.618 kg/m²) welded wire lath. The fastener type and spacing shall comply with ASTM C1063 or 2021, 2018, and 2015 IRC Section R703.7.1 (2012 and 2009 IRC Section R703.6.1), as applicable for welded wire lath, except that the fasteners shall attach the lath to the framing supports either at the furring crimps on the vertical cross wires, or at the intersection of the longitudinal wire and cross 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.

3.1.4 V-Truss Walls and Ceilings Lath and V-Truss Walls and Ceilings Lath II: The lath shall be applied to vertical surfaces having wood or metal supports or to horizontal wood, metal, or concrete supports.

For use as an alternative to the 3/8-inch (9.6 mm), 3.4 lb/yd² (1.8 kg/m²) rib metal lath, the maximum support spacing shall

be in accordance with Table 1 of ASTM C1063 for 3/8-inch (9.6 mm), 3.4 lb/yd² (1.8 kg/m²) rib metal lath. The fastener type shall comply with ASTM C1861 and the fastener spacing shall comply with ASTM C1063 or 2021, 2018, and 2015 IRC Section R703.7.1 (2012 and 2009 IRC Section R703.6.1) as applicable for rib metal lath, except that the fasteners may be 1 1/2 inch (37.6 mm) long No. 16 gauge (0.063 inch/1.6 mm) staples or No. 11 gauge (0.12 inch/3 mm) roofing nails, driven flush with plaster base and shall attach the lath to the framing supports at every second rib, either at the furring crimps on the vertical cross wires, at the intersection of the longitudinal wire and cross 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. The lath shall be lapped a minimum of one mesh at the sides. End laps shall be a minimum of one mesh and shall occur over supports. The ends of the sheets shall be staggered between courses.

For use as an alternative to 1.4 lb/yd² (0.8 kg/m²) woven wire lath, the maximum support spacing shall be in accordance with Table 3 of ASTM C1063 for 1.4 lb/yd² (0.8 kg/m²) woven wire lath. Fastener type and spacing shall comply with ASTM C1063 for woven wire lath, except that the fasteners shall attach the lath to the framing supports at every second rib, either at the furring crimps on the vertical cross wires, at the intersection of the longitudinal wire and cross 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. The lath shall be lapped a minimum of one mesh at the sides. Ends shall be lapped a minimum of one mesh and shall occur over supports and shall be staggered between courses.

3.1.5 Structa Mega Lath and Structa Stainless Steel Mega Lath: The lath shall be applied to vertical surfaces having wood or metal supports or to horizontal wood, metal, or concrete supports.

For use as an alternative to the 1.95 lb/yd² (0.993 kg/m²) welded wire lath specified in ASTM C933, the maximum support spacing shall be in accordance with Table 1 of ASTM C1063 for 1.95 lb/yd² (1.1 kg/m²) welded wire lath. The fastener type shall comply with ASTM C1861 and the fastener spacing shall be as specified in ASTM C1063 or 2021, 2018, and 2015 IRC Section R703.7.1 (IRC Section R703.6.1) as applicable for 1.95 lb/yd² (1.1 kg/m²) welded wire lath, except that the fasteners shall attach the lath to the framing supports either between the primary and secondary longitudinal wires or the lath may be installed by placing a nail or screw fastener between the two Twin Trac longitudinal wires, or there shall be a staple over any longitudinal wire. The lath shall be lapped with a minimum of one mesh at the sides. Ends shall be lapped a minimum of one mesh and shall occur over supports.

For use as an alternative to the 3.4 lb/yd² (1.8 kg/m²) expanded sheet metal lath, the maximum support spacing shall be in accordance with Table 1 of ASTM C1063 for



3.4 lb/yd² (1.8 kg/m²) expanded sheet metal lath, except that the fasteners shall attach the lath to the framing supports either between the primary and secondary longitudinal wires, or there shall be a staple over any longitudinal wire.

Structa Mega Lath and Structa Stainless Steel Mega Lath may be applied to vertical surfaces having horizontal metal support members (furring). The minimum metal thickness of the supports is No. 20 gauge [0.0359 inch (0.91 mm)]. For use as an alternative to the 1.95 lb/yd² (0.993 kg/m²) welded wire lath, the maximum support spacing shall be in accordance with Table 1 of ASTM C1063 for 1.95 lb/yd² (1.1 kg/m²) welded wire lath. For use as an alternative to the 1.4 lb/yd² (0.8 kg/m²) woven wire lath, the maximum support spacing shall be in accordance with Table 1 of ASTM C1063 for 1.4 lb/yd² (0.8 kg/m²) woven wire lath. For use as an alternative to 3.4 lb/yd² (1.8 kg/m²) expanded sheet metal lath, the maximum support spacing shall be in accordance with Table 1 of ASTM C1063 for 3.4 lb/yd² (1.8 kg/m²) diamond mesh metal lath. The long dimension of the lath shall be installed in a vertical orientation, with screw fastener type and spacing complying with ASTM C1063 or 2021, 2018, and 2015 IRC Section R703.7.1 (2012 and 2009 IRC Section R703.6.1), as applicable. Fasteners shall be located between the primary and secondary longitudinal wires and be long enough to penetrate metal support members. A minimum of 75 percent of the fasteners shall be positioned directly below the cross-wires. The horizontal metal support system shall be designed to support the gravity loads of the plaster-lath matrix and to resist wind loads in accordance with the IBC or IRC.

The lath shall be lapped with a minimum of one mesh at the sides. Ends laps shall be lapped a minimum of one mesh and shall occur over supports.

3.1.6 StructaLath III SFCR 316: The lath shall be applied to vertical surfaces having wood or metal supports or to horizontal wood, metal, or concrete supports. The maximum support spacing shall be 16 inches (406 mm) from center to center. The fastener type shall comply with ASTM C1861 and the fastener spacing shall comply with ASTM C1063 or 2018 and 2015 IRC Section R703.7.1 (2012 and 2009 IRC Section R703.6.1), as applicable for welded wire lath, except that the fasteners shall attach the lath to the framing supports either at the furring crimps on the vertical cross wires, at the intersection of the longitudinal wire and cross 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. The lath shall be lapped with a minimum of one mesh at the sides. Ends shall be lapped a minimum of one mesh and shall occur over supports. Additional installation requirements as set forth in an evaluation report on proprietary one-coat stucco systems shall apply as applicable. The total plaster thickness shall be ½-inch (12.7 mm) maximum.

3.1.7 Structa Fusion One Coat Lath for ⅜-inch-thick or ½-inch-thick Stucco Systems: The lath shall be applied to

vertical surfaces having wood or metal supports. The maximum support spacing shall be 16 inches (406 mm) center to center. The fastener type shall comply with ASTM C1861 and the fastener spacing shall comply with ASTM C1063 or 2018 and 2015 IRC Section R703.7.1 (2012 and 2009 IRC Section R703.6.1), as applicable for expanded metal laths, except that the fasteners shall attach the lath to the framing supports along the corrugated wires and expanded metal intersections. The lath shall be lapped a minimum of one inch at the sides. Ends shall be lapped a minimum of one inch and shall occur over supports. 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. Additional installation requirements as set forth in an evaluation report on a proprietary one-coat stucco system shall apply as applicable.

4.0 PRODUCT DESCRIPTION

4.1. StructaLath III No. 17 SFCR: The self-furring, welded wire lath is an alternative to the 1.14 lb/yd² (0.618 kg/m²) welded wire lath specified in ASTM C933. The lath is produced from cold-rolled longitudinal wires with coated thicknesses of 0.03 inch (0.76 mm) by 0.068 inch (1.72 mm), and cross wires with a 0.047-inch (1.19 mm) coated diameter. The lath openings are formed by longitudinal and cross wires that are resistance-welded at the wire intersections and measure 1½-inches-by-1½-inches (38 mm by 38 mm). The lath has an additional six secondary cold-rolled longitudinal wires with coated thicknesses of 0.03 inch (0.76 mm) by 0.068 inch (1.72 mm) that are resistance welded to the cross wires. All wires have a Class 1 galvanized coating complying with ASTM A641. The lath self-furring crimps have a minimum ¼-inch (6.4 mm) furring distance and are spaced at 3 inches (76 mm) on center on each cross wire. The nominal weight of the lath is 1.0 lb/yd² (0.54 kg/m²). The lath is available in rolls 38⅜, 48, or 54 inches (974, 1220, or 1370 mm) wide and 100, 112.5, or 150 feet (30 500, 34 290, or 45 720 mm) long.

4.2. StructaLath III SFCR 316: The self-furring, welded wire lath is an alternative to the 1.14 lb/yd² (0.618 kg/m²) welded wire lath specified in ASTM C933 and is recognized for use as reinforcement in nominal ½-inch-thick (12.7 mm) proprietary one coat stucco systems. The lath is produced from cold-rolled longitudinal wires with coated thicknesses of 0.03 inch (0.76 mm) by 0.068 inch (1.72 mm) and cross wires having a 0.047 inch (1.19 mm) coated diameter. The lath has 1½-inch-by-1½-inch (38 mm by 38 mm) openings formed by longitudinal and cross wires that are resistance welded at the wire intersections. The lath has an additional six secondary cold-rolled longitudinal wires with coated thicknesses of 0.03 inch (0.76 mm) by 0.068 inch (1.72 mm) that are resistance welded to the cross wires. The wire has a Class 1 galvanized coating complying with ASTM A641. The furring crimps have a minimum ⅜-inch (9.52 mm) furring distance and are spaced at 3 inches (76 mm) on center on each cross wire. The nominal weight of the lath is



1.0 lb/yd² (0.54 kg/m²). The lath is available in rolls 38³/₈ inches (974 mm) wide and 150 feet (45 720 mm) long.

4.3. StructaLath No. 17 SFCR Twin Trac 2.5: The self-furring welded wire lath is an alternative to the 2.5 lb/yd² (1.4 kg/m²) expanded sheet metal lath specified in ASTM C847 and an alternative to the 1.14 lb/yd² (0.618 kg/m²) welded wire lath specified in ASTM C933. The lath is produced from cold rolled rectangular longitudinal wires with a coated thickness of 0.026 inch (0.66 mm) by 0.064 inch (1.63 mm) and 0.047 inch (1.19 mm) coated diameter cross wires. The lath openings are formed by resistance welding longitudinal and cross wires at intersections that measure 1 inch by 1¹/₂ inches (25.4 by 38.1 mm) except at the furring crimps where the opening dimensions are ³/₄ inch by 1¹/₂ inches (19.1 mm by 38.1 mm). This lath has six additional cold rolled rectangular longitudinal wires, resistance welded to the cross wires, and spaced 5³/₄ and 4¹/₂ inches (146 and 114 mm) on center. The wire has a Class 1 galvanized coating complying with ASTM A641. The lath self-furring crimps occur at each cross wire to provide a minimum ¹/₄ inch (6.4 mm) furring distance and are spaced at 4 and 3 inches (102 and 76 mm) on center. The nominal weight of the lath is 1.14 lb/yd² (0.62 kg/m²). The lath is available in rolls 37 inches (974 mm) wide and 150 feet (45,720 mm) long.

4.4 Structa Mega Lath: The self-furring welded wire lath is an alternative to the 3.4 lb/yd² (1.8 kg/m²) expanded sheet metal lath specified in ASTM C847 and the 1.95 lb/yd² (1.1kg/m²) welded wire lath specified in ASTM C933. The lath is produced from cold-rolled rectangular longitudinal wires with coated thicknesses of 0.0330 inch (0.83 mm) by 0.075 inch (1.90 mm), and 0.056 inch (1.42 mm) coated diameter round cross wires. The lath openings are formed by resistance welding longitudinal and cross wires, at the intersections that measure ¹¹/₁₆ inch by 1¹/₂ inches (17.5 by 38.1 mm) except at the furring crimps where the openings are ³/₄ inch by 1¹/₂ inches (19.0 by 38.1 mm). Structa Mega Lath has six additional cold-rolled rectangular longitudinal wires, resistance welded to the cross wires, and spaced 5³/₈ inches (137 mm) on center. The wire has a Class 1 galvanized coating complying with ASTM A641. The lath self-furring crimps occur at each cross wire, provide a minimum ¹/₄ inch (6.4 mm) furring distance, and are spaced at 2³/₄ inches (68 mm) on center. The nominal weight of the lath is 1.95 lb/yd² (1.05 kg/m²). The lath is available in rolls 30 inches (762 mm) wide and 108 feet (32, 918 mm) long.

4.5 Structa Stainless Steel Mega Lath: The lath is identical to the Structa Mega Lath in Section 4.4 of this report, except that the wires are made from T304 stainless steel or T316 stainless steel complying with ASTM A580 rather than the galvanized steel wire version, with same wire sizes and spacings.

4.6 V-Truss Walls and Ceilings Lath: The self-furring welded wire lath is an alternative to the ³/₈-inch (9.6 mm), 3.4 lb./yd² (1.8 kg/m²) rib metal lath specified in ASTM C847

and the 1.4 lb/yd² (0.8 kg/m²) woven wire lath specified in ASTM C1032. The lath is produced from cold-rolled rectangular longitudinal wires, having coated thicknesses of 0.0335 inch (0.85 mm) by 0.064 inch (1.62 mm), and round cross wires with a 0.05 inch (1.27 mm) coated diameter. The wire has a Class 1 galvanized coating complying with ASTM A641. The lath has rectangular openings formed by resistance welding longitudinal and cross wires at the wire intersections and measures 0.7 inch by 1.5 inches (17.8 by 38 mm). The lath furring crimps occur at each cross wire, provide a minimum ³/₈-inch (9.5 mm) furring distance, and spaced at 1.9 inches (48 mm) on center. Backing wires occur in the longitudinal direction, have a 0.050 inch (1.27 mm) coated diameter, and are resistance welded to the bottom of the furring crimps. The lath has a perforated kraft paper placed between the primary wires and the backing wires. The paper is cut back 2 inches (51 mm) on each end, and each side is wrapped and adhered around the outermost backing wire. The nominal weight of the lath is 2.2 lb/yd² (1.2 kg/m²). The lath is provided in flat sheets 28³/₈ inches (721 mm) wide by 97¹/₂ inches (2475 mm) long.

4.7 V-Truss Walls and Ceilings Lath II: The self-furring welded wire lath is an alternative to the ³/₈-inch (9.6 mm), 3.4 lb/yd² (1.8 kg/m²) rib metal lath specified in ASTM C847 and the 1.4 lb/yd² (0.8 kg/m²) woven wire lath specified in ASTM C1032. The lath is produced from cold-rolled rectangular longitudinal wires, having coated thicknesses of 0.033 inch (0.84 mm) by 0.060 inch (1.524 mm), and round cross wires with a 0.054 inch (1.37 mm) coated diameter. The wire has a Class 1 galvanized coating complying with ASTM A641. The lath rectangular openings are formed by resistance welding longitudinal and cross wires at the wire intersections and measure 0.7 inch by 1.5 inches (17.8 mm by 38 mm). The lath furring crimps occur at each cross wire, providing a minimum 0.25-inch (6.35 mm) furring distance, and are spaced at 1.9 inches (48 mm) on center. Backing wires occur in the longitudinal direction, having a 0.054-inch (1.37 mm) coated diameter, and are resistance welded to the bottom of the furring crimps. The lath has perforated kraft paper placed between the primary wires and the backing wires. The paper is cut back 2 inches (51 mm) on each end, and each side is wrapped and adhered around the outermost backing wire. The nominal weight of the lath is 2.21 lb/yd² (1.20 kg/m²). The lath is provided in flat sheets 28³/₈ inches (721 mm) wide by 97¹/₂ inches (2475 mm) long.

4.8 Structa Fusion One Coat Lath for ³/₈-inch-thick up to ¹/₂ inch-thick Stucco Systems: The self-furring expanded metal lath is an alternative to the 0.86 lbs/yd² woven wire lath specified in ASTM C1032 and is recognized for use as reinforcement in ³/₈-inch-thick (9.5 mm) and up to ¹/₂-inch-thick (12.7 mm) proprietary one coat stucco systems. The lath is a combination of an expanded metal lath base with seven corrugated longitudinal reinforcing wires. The expanded metal base is fabricated from 0.020-inch-thick (0.5-mm) cold-formed steel complying with the approved quality control manual and has a G60 galvanizing coating. The expanded metal strands are flattened to a nominal 0.020-inch



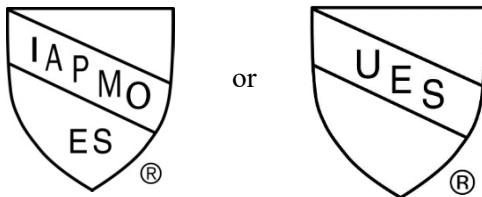
(0.5 mm) thickness. The reinforcing wires are formed by cold-rolled longitudinal wires with coated thicknesses of 0.026-inch (0.66 mm) by 0.040-inch (1 mm) and are resistance welded to the expanded metal base. The wires have a Class I galvanized coating complying with ASTM A641. The lath has seven rows of longitudinal self-furring crimps spaced nominally 6 inches (152 mm) with a nominal depth of 1/8 inch (3.2-mm). The nominal weight of the lath is 0.64 lb/yd² (0.35 kg/m²). The lath is supplied in rolls that are nominally 38 inches wide (965 mm) by either 142 feet long (43,281 mm) or 213 feet long (64,922 mm).

5.0 IDENTIFICATION

5.1 StructaLath No. 17 SFCR III, StructaLath No. 17 SFCR Twin Trac 2.5, StructaLath SFCR 316, Structa Mega Lath, Structa Stainless Steel Mega Lath, and Structa Fusion One Coat Lath are packaged in rolls and identified by a label bearing the name and address of Structa Wire Corp., the product name, the evaluation report number (ER-2017), and a description of the product (lath opening size, product width, and roll length).

5.2 V-Truss Walls and Ceilings Lath and V-Truss Walls and Ceilings Lath II are produced in sheets and are identified by a label bearing the name and address of Structa Wire Corp., the product name, the evaluation report number (ER-2017), and a description of the product (lath opening size, product length, and width).

5.3 Either IAPMO UES Mark of Conformity also may be used as shown below:



IAPMO UES ER-2017

6.0 SUBSTANTIATING DATA

Data and test reports submitted are from laboratories in compliance with ISO/IEC 17025 and in accordance with the ICC-ES Acceptance Criteria for Metal Plaster Bases (Lath) (AC191) approved March 2016, editorially revised August 2020.

7.0 STATEMENT OF RECOGNITION

This evaluation report describes the results of research completed by IAPMO Uniform Evaluation Service on Structa Wire Corp. Lath products to assess conformance to the codes shown in Section 1.0 of this report and serves as documentation of the product certification. Products are manufactured at locations noted in Section 2.3 of this report under a quality control program with periodic inspection under the supervision of IAPMO UES.

For additional information about this evaluation report please visit www.uniform-es.org or email us at info@uniform-es.org



FLORIDA SUPPLEMENT

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CSI Sections:

- 09 22 36 Lathing
- 09 22 36.23 Metal Lath

1.0 RECOGNITION

The StructaLath self-furring, welded wire laths as evaluated in IAPMO UES ER-2017 and with changes as noted in this supplement are satisfactory alternatives for use in buildings built under the following codes following codes and regulations:

- 2023 Florida Building Code, Building (FBC, Building)
- 2023 Florida Building Code, Residential (FBC, Residential)

2.0 LIMITATIONS

Use of Structa Wire Corp. Lath products described in this report supplement is subject to the following limitations:

2.1 For use under 2023 FBC, Building, and 2023 FBC, Residential, the StructaLath self-furring, welded wire laths shall comply with the provisions applicable to the 2021 IBC or 2021 IRC in IAPMO UES ER-2017.

2.2 Verification shall be provided that a quality assurance agency audits the manufacturer's quality assurance program and audits the production quality of products, in accordance with Section (5)(d) of Florida Rule 61G20-3.008. The quality assurance agency shall be approved by the Commission (or the building official when the report holder does not possess an approval by the Commission).

2.3 This supplement expires concurrently with ER-2017.

3.0 PRODUCT USE

3.1 The StructaLath self-furring, welded wire laths meet the requirements for High-velocity Hurricane Zones (HVHZ) in the Florida Building Code, Building, and the Florida Building Code, Residential when installed in accordance with this section.

3.2 StructaLath self-furring, welded wire laths comply with the HVHZ impact test provisions when installed in accordance with this report and the construction of the wall assembly complies with FBC, Building Section 1626.4.2.

3.3 StructaLath self-furring, welded wire laths may be used as a component of HVHZ exterior wall cladding when the cladding construction complies with FBC, Building, Section 2322.4.1.

For additional information about this evaluation report please visit www.uniform-es.org or email us at info@uniform-es.org



CALIFORNIA SUPPLEMENT

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1.0 RECOGNITION

The StructaLath self-furring, welded wire laths as evaluated and represented in IAPMO UES Evaluation Report ER-2017 and with changes as noted in this supplement are satisfactory alternatives for use in buildings built under the following codes (and regulations):

- 2022 California Building Code (CBC)
- 2022 California Residential Code (CRC)

2.0 LIMITATIONS

Use of the StructaLath self-furring, welded wire laths recognized in this report is subject to the following limitations:

2.1 For use under 2022 CBC and 2022 CRC, the StructaLath self-furring, welded wire laths shall comply with the provisions applicable to the 2021 IBC or 2021 IRC in IAPMO UES ER-2017.

2.2 In accordance with CBC Section 2505.3, for work under the DSA and HCAi (formerly OSHPD), shear wall construction with lath and plaster in CBC Sections 2505.1 and 2505.2 is prohibited, except where used in single-story Type V skilled nursing or intermediate care facilities utilizing wood-frame or light-steel-frame construction.

2.3 For work under the DSA and HCAi (formerly OSHPD), lath attachment to horizontal wood supports shall comply with CBC Section 2507.3.

2.4 This supplement expires concurrently with ER-2017.

For additional information about this evaluation report please visit www.uniform-es.org or email us at info@uniform-es.org