



ICC-ES Evaluation Report

Reissued June 2023

Revised September 2024

ESR-2367

This report is subject to renewal June 2025.

DIVISION: 09 00 00—FINISHES

Section: 09 22 36—Lath

REPORT HOLDER:

WEIFA EXPANDED METAL LATH CO., LTD.

EVALUATION SUBJECT:

**WEIFA 2.5 AND 3.4 DIAMOND MESH METAL LATH,
AND WEIFA 3.4 3/8-INCH RIB METAL LATH**

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2024, 2021, 2018, 2015, 2012, 2009, and 2006 *International Building Code*® (IBC)
- 2024, 2021, 2018, 2015, 2012, 2009, and 2006 *International Residential Code*® (IRC)

Property evaluated:

Physical properties

2.0 USES

The Weifa 2.5 Diamond Mesh Metal Lath, the Weifa 3.4 Diamond Mesh Metal Lath and the Weifa 3.4 3/8-inch Rib Metal Lath are used as reinforcement of interior and exterior cement plaster (stucco) complying with IBC Section 2507.2 or IRC Sections R702.2 and R703.7.

3.0 DESCRIPTION

3.1 Weifa 2.5 Diamond Mesh Metal Lath:

The Weifa 2.5 metal lath complies with ASTM C847, is fabricated from 0.020-inch-thick (0.51 mm) cold-formed steel complying with ASTM A366 and has a G60 galvanized coating complying with ASTM A653. The lath is nominally 1/8 inch (3.18 mm) thick, is 27 inches (686 mm) wide and 97 inches (2464 mm) long and weighs 2.5 lb/yd² (1.35 kg/m²).

3.2 Weifa 3.4 Diamond Mesh Metal Lath:

The Weifa 3.4 metal lath complies with ASTM C847, is fabricated from 0.024-inch-thick (0.612 mm) cold-formed steel complying with ASTM A366 and has a G60 galvanized coating complying with ASTM A653. The lath is 1/8 inch (3.18 mm) thick, 27 inches (686 mm) wide, and 97 inches (2464 mm) long and weighs 3.4 lb/yd² (1.8 kg/m²).

3.3 Weifa 3.4 3/8-inch Rib Metal Lath:

The Weifa 3.4 3/8-inch rib metal lath complies with ASTM C847, is fabricated from 0.015-inch-thick (0.38 mm) cold-formed steel complying with ASTM A366 and has a G60 galvanized coating complying with ASTM A653. The lath is 3/8 inch (9.53 mm) thick, 27 inches (686 mm) wide, and 97 inches (2464 mm) long and weighs 3.4 lb/yd² (1.8 kg/m²). The lath has 3/8-inch-deep (9.53 mm) ribs, continuous in the long direction of the sheet, that are spaced at 4 inches (102 mm) on center.

4.0 INSTALLATION

4.1 General:

Installation of the lath must be in accordance with IBC Sections 2510.3 (ASTM C1063) and 2511.1.1 or IRC Section R702.2 and R703.7, as applicable. The lath is installed with the long dimension perpendicular to supports, except at gable walls on exterior installations where the lath may be installed with the long dimension parallel to the roof slope. The lath must be furred 1/4 inch (6.4 mm) from the framing members or solid substrates.

4.2 Fire-resistance-rated Construction:

When the lath described in Section 3.0 is installed in accordance with Section 4.1 of this report and with IBC Section 721, the fire-resistance rating is as noted in IBC Tables 721.1(2) or 721.1(3).

4.3 Shear:

When the lath described in Section 3.0 is installed in accordance with Section 4.1 and IBC Section 2306.3 and Table 2306.3(3), the allowable shear value is 180 plf (2627 kN/m).

5.0 CONDITIONS OF USE

The Weifa 2.5 Diamond Mesh Metal Lath, the Weifa 3.4 Diamond Mesh Metal Lath and the Weifa 3.4 3/8-inch Rib Metal Lath described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, provided the installation complies with this report, the manufacturer's published installation instructions and the applicable code. In the event of a conflict

between the manufacturer’s published installation instructions and this report, this report governs.

6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Metal Plaster Bases (Lath) (AC191) dated March 2016 (Editorially revised August 2024).

7.0 IDENTIFICATION

7.1 The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-2367) along with the name, registered trademark, or registered logo of the report holder must be included in the product label.

7.2 In addition, these products are packaged in cartons or bundled with a label bearing the product name, production number, product weight, product dimensions, and the statement “complies with ASTM C847”.

7.3 The report holder’s contact information is the following:

WEIFA EXPANDED METAL LATH CO., LTD.
#66 WEST STREET, CHANGLE TOWN
SHENGZHOU CITY, ZHEJIANG 312467
CHINA
0086-575-83786669
www.wfeml.com
sales@wfeml.com

TABLE 1-APPLICABLE SECTIONS OF THE IBC

2024 IBC	2021 IBC	2018 IBC	2015 IBC	2012 IBC	2009 IBC	2006 IBC
Section 2507.2	Section 2507.2	Section 2507.2	Section 2507.2	Section 2507.2	Section 2507.2	Section 2507.2
Section 2510.3	Section 2510.3	Section 2510.3	Section 2510.3	Section 2510.3	Section 2510.3	Section 2510.3
Section 2511.1.1	Section 2511.1.1	Section 2511.1.1	Section 2511.1.1	Section 2511.1.1	Section 2511.1.1	Section 2511.1.1
Section 721 & Table 721.1(2) or 721.1(3)	Section 721 & Table 721.1(2) or 721.1(3)	Section 721 & Table 721.1(2) or 721.1(3)	Section 721 & Table 721.1(2) or 721.1(3)	Section 720 & Table 720.1(2) or 720.1(3)	Section 720 & Table 720.1(2) or 720.1(3)	Section 720 & Table 720.1(2) or 720.1(3)
Section 2306.3 & Table 2306.3(3)	Section 2306.3 & Table 2306.3(3)	Section 2306.3 & Table 2306.3(3)	Section 2306.3 & Table 2306.3(3)	Section 2306.3 & Table 2306.3(3)	Section 2306.7	Section 2306.4.5

TABLE 2-APPLICABLE SECTIONS OF THE IRC

2024 IRC	2021 IRC	2018 IRC	2015 IRC	2012 IRC	2009 IRC	2006 IRC
R702.2	R702.2	R702.2	R702.2	R702.2	R702.2	R702.2
R703.7	R703.7	R703.7	R703.7	R703.6	R703.6	R703.6

DIVISION: 09 00 00—FINISHES

Section: 09 22 36—Lath

REPORT HOLDER:

WEIFA EXPANDED METAL LATH CO., LTD.

EVALUATION SUBJECT:

WEIFA 2.5 AND 3.4 DIAMOND MESH METAL LATH, AND WEIFA 3.4 3/8-INCH RIB METAL LATH

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Weifa 2.5 Diamond Mesh Metal Lath, the Weifa 3.4 Diamond Mesh Metal Lath and the Weifa 3.4 3/8-inch Rib Metal Lath, described in ICC-ES evaluation report ESR-2367, has also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2023 Florida Building Code—Building
- 2023 Florida Building Code—Residential

2.0 CONCLUSIONS

The Weifa 2.5 Diamond Mesh Metal Lath, the Weifa 3.4 Diamond Mesh Metal Lath and the Weifa 3.4 3/8-inch Rib Metal Lath, described in Sections 2.0 through 7.0 of ICC-ES evaluation report ESR-2367, complies with the *Florida Building Code-Building* and the *Florida Building Code-Residential*. The design requirements must be determined in accordance with the *Florida Building Code-Building* or the *Florida Building Code-Residential*, as applicable. The installation requirements noted in ICC-ES evaluation report ESR-2367 for the 2021 *International Building Code*® meet the requirements of the *Florida Building Code-Building* or the *Florida Building Code-Residential*, as applicable.

Use of the Weifa 2.5 Diamond Mesh Metal Lath, the Weifa 3.4 Diamond Mesh Metal Lath and the Weifa 3.4 3/8-inch Rib Metal Lath has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code-Building* or the *Florida Building Code-Residential*.

For products falling under Florida Rule 61G20-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission).

This supplement expires concurrently with the evaluation report, reissued June 2023 and revised September 2024.