DIVISION: 09 00 00—FINISHES
Section: 09 22 36—Lath

REPORT HOLDER:
XM INTERNATIONAL, INC.

EVALUATION SUBJECT:
X-CELL 17 GAUGE AND X-CELL 20 GAUGE STUCCO NETTING

1.0 EVALUATION SCOPE
Compliance with the following codes:

- 2006 International Building Code® (IBC)
- 2006 International Residential Code® (IRC)

Properties evaluated:
Physical properties

2.0 USES
2.1 X-Cell 17 Gauge Stucco Netting:
X-Cell 17 Gauge Stucco Netting is used as reinforcement of exterior plaster (stucco) complying with Section 2512 of the IBC and Section R703.6 of the IRC.

2.2 X-Cell 20 Gauge Stucco Netting:
X-Cell 20 Gauge Stucco Netting is used as reinforcement of exterior plaster where No. 20 gauge lath is specified in an ICC-ES evaluation report on cementitious exterior wall coating systems.

3.0 DESCRIPTION
3.1 X-Cell 17 Gauge Stucco Netting:
The lath is formed from No. 17 gauge [0.051 inch (1.295 mm) coated thickness] steel wire having a Class 1 galvanized coating complying with ASTM A 641, and conforming to ASTM C 1032. The lath has 1½-inch (38 mm) hexagonal-shaped openings, weighs a minimum of 1.40 pounds per square yard (0.76 kg/m²), and is supplied in rolls 37 inches (940 mm) wide by 150 feet (45 720 mm) long.

3.2 X-Cell 20 Gauge Stucco Netting:
The lath is formed from No. 20 gauge [0.035 inch (0.89 mm) coated thickness] steel wire having a Class 1 galvanized coating complying with ASTM A 641, and conforming to ASTM C 1032. The lath has 1-inch (25.4 mm) hexagonal-shaped openings, weighs a minimum of 0.86 pound per square yard (0.466 kg/m2), and is supplied in rolls 36 inches (914 mm) wide by 150 feet (45 720 mm) long.

4.0 INSTALLATION
4.1 X-Cell 17 Gauge Stucco Netting:
The lath must be installed in accordance with Section 2510.3 of the IBC or Section R703.6 of the IRC, with the long dimension perpendicular to supports, except that at gable walls the lath may be installed with the long dimension parallel to the roof slope. The lath must be lapped a minimum of one mesh [1½ inches (38 mm)] at sides and ends. The lath must be furred ¼ inch (6.4 mm) from framing members or solid substrates.

4.2 X-Cell 20 Gauge Stucco Netting:
The X-Cell 20 Gauge Stucco Netting lath must be installed in accordance with the requirements noted in a current ICC-ES evaluation report on cementitious exterior wall coating systems specifying No. 20 gauge woven wire lath, and the requirements of the applicable code. The lath must be furred ¼ inch (3.18 mm) from framing members or solid substrates.

5.0 CONDITIONS OF USE
The 17 and 20 gage X-Cell stucco netting laths 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.

6.0 EVIDENCE SUBMITTED
Data in accordance with the ICC-ES Acceptance Criteria for Metal Plaster Bases (Lath) (AC191), dated May 2008.

7.0 IDENTIFICATION
7.1 Each roll of wire lath is be identified by a label bearing the company name (XM International, Inc.) and address, the product name, wire gauge, mesh opening size, roll dimensions, production date and inspector identification code, and the ICC-ES evaluation report number (ESR-1786).

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