

CLIENT: Spiderlath
130 Welsco Road
Smackover, AR 71762
Attn: Wayne Love

Test Report No: RJ0466

Date: January 15, 2010

SUBJECT: Comparative Transverse Load Tests between Metal and Glass Fiber Lath.

SAMPLE ID: The following test material was submitted and identified by the Client as:

- A) One, 4' x 8' transverse load panel incorporating K-Lath 17 gage stucco netting.
- B) One, 4' x 8' transverse load panel incorporating 2.5 self-furred expanded metal lath.
- C) One, 4' x 8' transverse load panel incorporating 3.4 self-furred expanded metal lath.
- D) One, 4' x 8' transverse load panel incorporating Permalath 1000, glass fiber lath.
- E) One, 4' x 8' transverse load panel incorporating Spiderlath $\frac{3}{8}$ " x $\frac{3}{8}$ " glass fiber lath.
- F) One, 4' x 8' transverse load panel incorporating Spiderlath $\frac{1}{2}$ " x $\frac{1}{2}$ " glass fiber lath.

DATE OF RECEIPT: The samples were received at QAI Laboratories on December 3 and 15, 2009.

TESTING PERIOD: December 11 and 22, 2009.

AUTHORIZATION: Signed Job Ticket dated November 24, 2009.

TEST PROCEDURE: See page 2 of this report for detailed test procedure.


TEST RESULTS: See page 2 of this report for detailed test results.

Prepared By



Larry Burmer
Project Specialist

**Signed for and on behalf of
QAI Laboratories Inc.**



Andrew Tan, P.E.
Project Manager

Page 1 of 2

TRANSVERSE LOAD TEST

Test Procedure: Testing was performed in accordance with ASTM E 330-02, Procedure B. The test specimens were individually placed horizontally, face down, on the test chamber and an airtight seal provided around the perimeter of the panel. To prevent failure in the framing, two, 6-inch wide steel "C" channels were attached across the back of the studs, approximately 32 inches apart.

Deflection indicators were placed midspan, at the center of the panel, at each framing member and midway between each framing member. After initial dial readings were recorded at zero load, the exterior side of the specimen was subjected to a negative test pressure of 10 psf for 5 minutes and then increased in 10 psf, 5 minute increments until cracking of the stucco coating was observed.

Test Results:

Specimen A) Transverse load panel incorporating K-Lath 17 gage stucco netting.

Cracking of the stucco coating occurred at a negative test load of 50 psf.

Specimen B) Transverse load panel incorporating 2.5 self-furred expanded metal lath.

Cracking of the stucco coating occurred at a negative test load of 50 psf.

Specimen C) Transverse load panel incorporating 3.4 self-furred expanded metal lath.

Cracking of the stucco coating occurred at a negative test load of 60 psf.

Specimen D) Transverse load panel incorporating Permalath 1000, glass fiber lath.

Cracking of the stucco coating occurred at a negative test load of 50 psf.

Specimen E) Transverse load panel incorporating Spiderlath $\frac{3}{8}$ " x $\frac{3}{8}$ " glass fiber lath.

Cracking of the stucco coating occurred at a negative test load of 60 psf.

Specimen F) Transverse load panel incorporating Spiderlath $\frac{1}{2}$ " x $\frac{1}{2}$ " glass fiber lath.

Cracking of the stucco coating occurred at a negative test load of 60 psf.

Findings: Based on the information and request received from the client prior to testing, and the results contained within this report, we make no statement of compliance or compliance or noncompliance for the products tested.