



Center For Applied Engineering, Inc.

Materials Testing Services

TEST REPORT

Test: ICBO Evaluation Service, Inc.

Acceptance Criteria for Special Roofing Systems AC07 Dated July 19, 1995
Section 4.3 "Wind Driven Rain Tests"

Client: Phoenix Roofing Systems, Inc.
110 E. Wilshire Ave.
Fullerton, CA 92832

MTS Job No.: 257911B

Test Date: January 14, 1997

MATERIALS

Prepared Roofing

Product Type *Stone Coated Galvanized Steel Roofing*
Color *Terra-Cotta*
Manufacturer *Phoenix Roofing Systems*
Contact *Ronald S. W. Knighton*

Name
Dimensions *43-1/2" x 47"*

Tel. No. *(714) 447-8227*

Underlayment Felt

Type *U.S. Intec or equal G-2 mineral surface cap sheet*

Miscellaneous Materials

Nails: Type *EG roofing nails* Size *1-1/4" x 3/8"*

Edge Metal: Gauge *26* Dimensions *2" x 2"*

Flashing Metal: Gauge *26* Dimensions *24" x 10'*

Fasteners: *#10 Longlife coated deck screws*

Foam Closure: Dimensions *1" thick x product profile*

Mfr. *Itochu Bldg. Products*

Mfr. *Southeastern Metals*

Mfr. *Southeastern Metals*

Dimensions *1-1/4"*

Roof Construction

- *Published methods for application of prepared roofing, underlayment, mastic and miscellaneous materials are to be provided by the roofing material manufacturer and/or Metro-Dade County and appended to this report.*
- *Method of roof deck construction is appended to this report and identified by test number and date of test.*

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NVLAP

ACOUSTICAL, FIRE, PHYSICAL AND
THERMAL MEASUREMENTS LABORATORIES



Client: Phoenix Roofing Systems, Inc.

MTS Job No.: 257911C

Test Observations

Test: ICBO Evaluation Service, Inc. Acceptance Criteria for Special Roofing Systems
AC07 Dated July 19, 1995 Section 4.3 "Wind Driven Rain Test"

Slope: 2" in 12" Air Temp. 68°F Deck Conditioning Not Required

Air Velocity: 40 MPH Simulated Rainfall: 6.0 ins/hr Time: 15 min
No lift or movement of any roof components. No water intrusion observed.

Air Velocity: OFF Simulated Rainfall: OFF Time: 5 min
No water intrusion observed.

Air Velocity: 40 MPH Simulated Rainfall: 6.0 ins/hr Time: 15 min
No lift or movement of any roof components. No water intrusion observed.

Air Velocity: OFF Simulated Rainfall: OFF Time: 5 min
No water intrusion observed.

Air Velocity: 40 MPH Simulated Rainfall: 6.0 ins/hr Time: 15 min
No lift or movement of any roof components. No water intrusion observed.

SUMMARY OF OBSERVATIONS

Underside of Deck: *No water intrusion occurred.*

Roof Top Surface: *No lift or movement of any roof components occurred.*

Test Conducted by:

Approved by:

Gary H. Griswold

David L. Moyer

Date: January 14, 1997

Date: 1/15/97

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