CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 9904426

Insp Area: 1

Site Address: 8249 LAKE FOREST DR SAC

Parcel No: 079-0113-021

Sub-Type: RES

Housing (Y/N): N

CONTRACTOR

ALL PRO ROOFING
8147 EARLY MORNING WY
ANTELOPE CA 95843

OWNER

BAILEY DARLA JEAN
8249 LAKE FOREST DR
SACRAMENTO CA 95826

ARCHITECT

Nature of Work: TEAR OFF & REROOF W/ FIBERGLASS SHAKE

CONSTRUCTION LENDING AGENCY : I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name_____ Lender'sAddress_____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C 36 License Number 574622 Date 5/6/1999 Contractor Signature [signature]

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she isexempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

_____ I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

_____ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

_____ I am exempt under Sec._____ B & PC for this reason:_____

Date_____ Owner Signature_____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and herby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 5/6/1999 Applicant/Agent Signature [signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

_____ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

_X_ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier STATE FUND Policy Number 713-98 UNIT 0001971 Exp Date 10/01/1999

_____ (This section need not be completed if the permit is for $100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 5/6/1999 Applicant Signature [signature]

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

DEPARTMENT OF
PLANNING AND DEVELOPMENT

CITY OF SACRAMENTO
CALIFORNIA

1231 I STREET
ROOM 200
SACRAMENTO, CA
95814-2998

Permit Services
916-264-7619
FAX 916-264-7046

TILE ROOF WORKSHEET

This worksheet must be filled out whenever any type of tile roof is applied for.

If the answer to question #5 is yes, a written engineering report from a registered engineer must be provided with each application.

1. BRAND AND MODEL OF TILE MIRA VISTA SHAKES
2. TILE WEIGHT PER SQUARE 450
3. WEIGHT OF ROOF SYSTEM PER SQUARE _____
4. TOTAL WEIGHT OF ROOF SYSTEM _____
5. DOES TOTAL WEIGHT OF ROOF SYSTEM EXCEED 750# PER SQUARE? YES NO
6. ROOF SLOPE _____

PLEASE A PROVIDE A SEPARATE WORKSHEET FOR EACH APPLICATION INVOLVING A TILE ROOF.

ICBO Evaluation Service, Inc.

5360 WORKMAN MILL ROAD • WHITTIER, CALIFORNIA 90601-2299

A subsidiary corporation of the International Conference of Building Officials

EVALUATION REPORT

ER-5209

Reissued June 1, 1998

Filing Category: ROOF COVERING AND ROOF DECK CONSTRUCTION—Roof Covering (202)

MIRAVISTA SHAKE AND SLATE ROOFING MATERIALS
OWENS CORNING
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO 43659

1.0 SUBJECT

MiraVista Shake and Slate Roofing Materials.

2.0 DESCRIPTION

2.1 General:

The Owens Corning MiraVista Shakes and Slate products are engineered fiberglass-reinforced composite roofing materials. When installed in accordance with this report, they are Class A roof coverings.

2.2 Materials:

2.2.1 MiraVista Shakes and Slate: The products are pressure-molded from polymeric resin strengthened with fibrous and particulate reinforcements. Finished units are 22 inches long (559 mm) and vary in thickness from $^3/_4$ inch (19.1 mm) at the butt end to $^3/_8$ inch (9.5 mm) at the tail end. The shakes are supplied in multiple widths of 13.3, 7.8 and 5.5 inches (338, 198 and 140 mm). The slate products are supplied in widths of 13.3 inches (338 mm). The exposed surface is contoured and textured to simulate wood grain or slate, and the back is ribbed. MiraVista Shakes and Slate have an installed weight of 4.5 pounds per square foot (22 kg/m^2) when installed with a 10-inch (254 mm) exposure.

Starter pieces or shakes measure 18 inches wide (457 mm) by 12 inches long (305 mm). Starter pieces for slate measure $13^3/_{16}$ inches wide (335 mm) by 12 inches long (305 mm). Hip and ridge units have tapered edges and nest together securely, delivering a straight hip/ridge line as well as a watertight application.

2.2.2 Fasteners: Each shake or slate is fastened with two minimum No. 13 gage [0.0915-inch-diameter (2.32 mm)] corrosion-resistant nails having minimum 0.224-inch-diameter (5.7 mm) heads. Nails must be long enough to penetrate into the sheathing $^3/_4$ inch (19.1 mm) or through the sheathing's thickness, whichever is less. Nails are driven $^1/_4$ to $1^1/_4$ inches (6.4 to 31.7 mm) from the edge and between $^3/_4$ and $1^3/_4$ inches (19.1 and 44.5 mm) above the exposure line to ensure penetration into the tail end of the shake beneath.

2.2.3 Underlayment: Roof underlayments shall be manufactured under the listing program of an agency having an ICBO ES or NES report.

2.3 Installation:

2.3.1 General: The shakes and slate are installed on code-complying spaced or solid sheathing installed in accordance with the code. Minimum roof slope is 3:12. Solid sheathing is used for roof slopes 3:12 to less than 4:12.

Starter pieces are fastened along the eave line with two corrosion-resistant roofing nails, minimum $1^3/_4$ inches long (44.5 mm). Shakes and slate are nailed $^3/_{16}$ to 1 inch (4.8 to 25.4 mm) from the edge at 5 to 6 inches (127 to 152 mm) from the butt end.

The first course of shakes or slate may extend over the eave a maximum of 2 inches (51 mm). The first course and subsequent courses are installed in a manner similar to that for wood shakes described in Table 15-B-2 of the *Uniform Building Code*™, with a 10-inch (254 mm) exposure to the weather.

See Figures 2 through 6 for typical installation details.

2.3.2 Interlayment and Underlayment:

2.3.2.1 3:12 to Less Than 4:12 Slope: A single layer of Type 30, 36-inch-wide (914 mm) felt underlayment is installed over solid sheathing. Type 30, 18-inch-wide (459 mm) felt interlayment is then installed between the courses in such a manner that no felt is exposed to the weather.

2.3.2.2 4:12 and Above Roof Slopes: On spaced or solid sheathing, one layer of 18-inch-wide (457 mm) interlayment of Type 30 felt is shingled between each course in such a manner that no felt is exposed to the weather. Underlayment is not required.

2.3.2.3 Severe Climate Areas: In areas subject to wind-driven snow, ice buildup, or wind-driven dust or sand, or in other areas as designated by the proponent or building official, one layer of Type 30 felt is installed over solid sheathing. Two layers of Type 15 felt are applied shingle-fashion and solid-cemented together with approved cementing material between the plies. The two layers extend from the eave up the roof to a point 36 inches (914 mm) inside the exterior wall line of the building.

2.3.3 Trim Shakes and Slate: Prior to the installation of the hip and ridge units, the field interlayment is installed so that it laps the peak of the hip or ridge a minimum of 4 inches (102 mm) each way, resulting in a double layer of felt. One or two layers of 6-inch-wide (152 mm) felt strip are applied between the field pieces and the hip and ridge units. Fasteners must be long enough to penetrate the hip and ridge unit, the tail end of the shake below, the field pieces, and a minimum of $^1/_2$ inch (12.7 mm) into the sheathing.

2.3.4 Valley Flashing: Valleys are flashed with Type 30, 36-inch-wide (914 mm) underlayment installed beneath minimum 0.016-inch-thick (No. 28 galvanized sheet gage) (0.41 mm) galvanized sheet metal flashing, in addition to the underlayment required for general application of the products. Other conditions for wood shakes apply, as noted in Section 1508.5 of the code.

ICBO Evaluation Service, Inc.

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EVALUATION REPORT

ER-5209

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MIRAVISTA SHAKE AND SLATE ROOFING MATERIALS
OWENS CORNING
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO 43659

1.0 SUBJECT

MiraVista Shake and Slate Roofing Materials.

2.0 DESCRIPTION

2.1 General:

The Owens Corning MiraVista Shakes and Slate products are engineered fiberglass-reinforced composite roofing materials. When installed in accordance with this report, they are Class A roof coverings.

2.2 Materials:

2.2.1 MiraVista Shakes and Slate: The products are pressure-molded from polymeric resin strengthened with fibrous and particulate reinforcements. Finished units are 22 inches long (559 mm) and vary in thickness from $^3/_4$ inch (19.1 mm) at the butt end to $^3/_8$ inch (9.5 mm) at the tail end. The shakes are supplied in multiple widths of 13.3, 7.8 and 5.5 inches (338, 198 and 140 mm). The slate products are supplied in widths of 13.3 inches (338 mm). The exposed surface is contoured and textured to simulate wood grain or slate, and the back is ribbed. MiraVista Shakes and Slate have an installed weight of 4.5 pounds per square foot (22 kg/m^2) when installed with a 10-inch (254 mm) exposure.

Starter pieces or shakes measure 18 inches wide (457 mm) by 12 inches long (305 mm). Starter pieces for slate measure $13^3/_{16}$ inches wide (335 mm) by 12 inches long (305 mm). Hip and ridge units have tapered edges and nest together securely, delivering a straight hip/ridge line as well as a watertight application.

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2.2.3 Underlayment: Roof underlayments shall be manufactured under the listing program of an agency having an ICBO ES or NES report.

2.3 Installation:

2.3.1 General: The shakes and slate are installed on code-complying spaced or solid sheathing installed in accordance with the code. Minimum roof slope is 3:12. Solid sheathing is used for roof slopes 3:12 to less than 4:12.

Starter pieces are fastened along the eave line with two corrosion-resistant roofing nails, minimum $1^3/_4$ inches long (44.5 mm). Shakes and slate are nailed $^3/_{16}$ to 1 inch (4.8 to 25.4 mm) from the edge at 5 to 6 inches (127 to 152 mm) from the butt end.

The first course of shakes or slate may extend over the eave a maximum of 2 inches (51 mm). The first course and subsequent courses are installed in a manner similar to that for wood shakes described in Table 15-B-2 of the *Uniform Building Code*™, with a 10-inch (254 mm) exposure to the weather.

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