

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0603075
MAR 08 2006
Insp Area: 4

Those Pros: 277J1
NEIGHBORHOODS PLANNING
AND DEVELOPMENT SERVICES

Sub-Type: RES
Housing (Y/N): N

Site Address: 1017 ERDMAN WY SAC
Parcel No: 237-0560-021

CONTRACTOR
CAL-VINTAGE ROOFING CO INC
11257 COLOMA RD, SUITE A-3
GOLD RIVER, CA 95670

OWNER
MUMPER HARRY SCOTT/GINA MAR
1017 ERDMAN WY
SACRAMENTO, CA 95838

ARCHITECT

Nature of Work: T/O INSTALL 20 SQ STONECOATED LIGHTWEIGHT TILE PER ESR-1491 - SEE ATTACHED

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's Address _____

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.

X License Class C-39 License Number 826725 Date 3/8/06 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 is exempt 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 hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

X Date 3/8/06 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 [Signature] 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 AMERICAN CONTRACTORS INDEMNITY Policy Number 2850002364 Exp Date 03/01/2007

(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.

X Date 3/8/06 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.

ICC Evaluation Service, Inc.
www.icc-es.org

Business/Regional Office ■ 5360 Workman Mill Road, Whittier, California 90601 ■ (562) 699-0543
Regional Office ■ 900 Montclair Road, Suite A, Birmingham, Alabama 35213 ■ (205) 599-9800
Regional Office ■ 4051 West Flossmoor Road, Country Club Hills, Illinois 60478 ■ (708) 799-2305

DIVISION: 07— THERMAL AND MOISTURE PROTECTION
Section: 07320—Roof Tiles

REPORT HOLDER:

GERARD ROOFING TECHNOLOGIES
955 COLUMBIA STREET
BREA, CALIFORNIA 92821-2923
(800) 237-6637
www.gerardusa.com

EVALUATION SUBJECT:

STONE-COATED STEEL ROOFING PANELS: GERARD®
STONE-COATED TILE AND SHAKE PANELS, ARMOR
STONE-COATED TILE AND SHAKE PANELS, DIPLOMAT
STONE-COATED TILE AND SHAKE PANELS, CANYON
SHAKE STONE-COATED PANELS

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2003 International Building Code® (IBC)
- 2003 International Residential Code® (IRC)
- BOCA® National Building Code/1999 (BNBC)
- 1999 Standard Building Code® (SBC)
- 1997 Uniform Building Code™ (UBC)

Properties evaluated:

- Roof covering fire classification
- Wind resistance
- Weather resistance

2.0 USES

The stone-coated steel roofing panels described in this report are used as roof coverings over new and existing roofs.

3.0 DESCRIPTION

3.1 General:

The stone-coated steel roofing panels are formed from steel complying with ASTM A 653 SS Grade 33, minimum, and have a zinc-galvanized G90 coating complying with ASTM A 924 or aluminum-zinc alloy coated steel complying with ASTM A 792 A 250. The steel panels have a baked-on primer on both sides, with a semigloss wash coat on the underside. The steel is No. 26 gage with a base-metal thickness of 0.0179 inch (0.45 mm). After the panels are formed, the upper surface and flange edges are coated with crushed stone chips that are bonded to the panels with an acrylic resin. A clear acrylic overglaze is applied to the panels to complete

the process. The panels when installed weigh 1.4 pounds per square foot (6.84 kg/m²).

3.2 Gerard® Stone-Coated Tile and Shake Panels, Armor Stone-Coated Tile and Shake Panels, Diplomat Stone-Coated Tile and Shake Panels:

The tile panels are 45³/₄ inches (1162 mm) wide by 15¹/₂ inches (394 mm) deep and weigh 5.83 pounds (2.65 kg). The shake panels are 44³/₄ inches (1137 mm) wide by 15¹/₂ inches (394 mm) deep and weigh 5.69 pounds (2.58 kg). The products are illustrated in Figure 1.

3.3 Canyon Shake Stone-Coated Panels:

The panels are 45 inches (1143 mm) wide by 16.5 inches (419.10 mm) deep and weigh 5.83 pounds (2.65 kg). The panels are illustrated in Figure 1.

4.0 INSTALLATION

4.1 General:

The stone-coated tile and shake panels shall be installed in accordance with the applicable code, this report and the manufacturer's published installation instructions. Installation shall be performed by installers approved by Gerard Roofing Technologies.

The manufacturer's published installation instructions and this report shall be strictly adhered to and a copy of the instructions shall be available at all times on the jobsite during installation. This report shall govern if there are any conflicts between the manufacturer's published instructions and this report.

Except for the Canyon Shake Panels as described in Sections 3.3 and 4.8 of this report, the stone-coated tile and shake panels shall be installed on wood or steel battens spaced approximately 14¹/₂ inches (368 mm) on center over open rafters, spaced or solid sheathing, or an existing roof covering in accordance with Sections 4.4, 4.5, and 4.6 of this report.

4.2 Battens and Counterbattens:

Wood battens shall be nominally 2-inch-by-2-inch and counterbattens shall be nominally 1-inch-by-4-inch standard grade, or better, Douglas fir or other species having a specific gravity of 0.50 or greater. Steel battens shall be hat-shaped sections with a 1¹/₂-inch (38 mm) minimum height, fabricated from minimum No. 22 gage galvanized steel with a base-metal thickness of 0.0299 inch (0.76 mm). Battens shall be as shown in Figure 2 of this report.

4.3 Roof Slope and Underlayment:

The stone-coated tile and shake panels shall be installed on roof slopes of 2¹/₂:12 (20.8 percent) or greater with an underlayment of two layers of Type I (No. 15) organic-fiber felt [in jurisdictions adopting the UBC, one layer of Type II (No.

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Legacy report on the 1997 *Uniform Building Code*™, the 2000 *International Building Code*®, the 2000 *International Residential Code*®, the BOCA® *National Building Code/1999* and the 1999 *Standard Building Code*®

DIVISION: 07—THERMAL AND MOISTURE PROTECTION
Section: 07305—Roofing Felt and Underlayment

TITANIUM-UDL™ ROOFING UNDERLAYMENT

INTERWRAP INC.
32923 MISSION WAY
MISSION, BRITISH COLUMBIA V2V 6E4
CANADA

1.0 SUBJECT

TITANIUM-UDL™ Roofing Underlayment.

2.0 DESCRIPTION

2.1 General:

TITANIUM-UDL™ roofing underlayment is recognized for use as an alternative to the Type 15 and Type 30 roofing underlayment specified in Chapter 15 of the 1997 *Uniform Building Code*™ (UBC) and the Type I or Type II roofing underlayment specified in the 2000 *International Building Code*® (IBC), the BOCA® *National Building Code/1999* (NBC), the 1999 *Standard Building Code*® (SBC) and the 2000 *International Residential Code*® (IRC).

2.2 Materials:

TITANIUM-UDL™ roofing underlayment is a polymer-coated, woven synthetic underlayment comprised of a woven core coated on both sides with a polymer coating. The product is produced in white, black or grey colors. The weight of the underlayment is 4 pounds per 100 square feet [5.76 oz/yd² (195.3 g/m²)]. The underlayment is available in rolls 36 inches (914 mm) wide by 333 feet (101 498 mm) long, and 48 inches (1219 mm) wide by 250 feet (76 200 mm) long.

2.3 Installation:

2.3.1 **New Construction:** TITANIUM-UDL™ roofing underlayment must be installed above ventilated attic spaces, as it is considered a vapor barrier. The deck surface must be dry and free of dust and dirt, loose nails, and other protrusions. Damaged sheathing must be replaced. The use of straight-edge cutting knives is recommended. The minimum roof slope is 2:12 (16.67%) The underlayment is laid horizontally (parallel) to the eave with the printed side up, and with 3-inch (76 mm) horizontal laps and 6-inch (152 mm) vertical laps. The underlayment is attached to the roof deck

using plastic cap ring shank roofing nails having 1-inch-diameter (25.4 mm) plastic caps spaced per surface markings at 12 inches (305 mm) on center on vertical and horizontal laps, and at 24 inches (607 mm) on center along the center of the roll. All plastic caps must be flush with the underlayment surface and nails must be 90 degrees to the cap. When battens are installed over the underlayment, the underlayment need only be preliminarily attached pending attachment of battens or counterbattens.

In areas of the roof required to have a severe climate underlayment under the UBC, or an ice barrier under the IBC, IRC, SBC or NBC, two layers of the underlayment must be solidly cemented together with a low-solvent-based roofing cement complying with ASTM D 4586 Type I (asbestos free), as detailed in the manufacturer's installation instructions, for a minimum distance inside the exterior wall line of the building that is specified by the applicable code. As an alternative, a self-adhering polymer modified bitumen sheet complying with ASTM D 1970 or the ICC-ES Acceptance Criteria for Severe Climate Underlayments (AC48), is applied over the solid substrate in sufficient courses that the underlayment extends up the roof a distance equal to the distance inside the exterior wall line of the building that is specified in the appropriate section of the applicable code. The TITANIUM-UDL™ roof underlayment, in the field of the roof, must overlap the severe climate underlayment.

Installation of the roof covering can proceed immediately following application of the underlayment. The underlayment must be covered by a roof covering within the time frame recommended by the manufacturer.

2.3.2 **Reroofing:** For reroofing applications, after removal of the old roof covering and roofing felts to expose the roof deck, the same procedures apply as for new construction.

2.4 Identification:

Each roll is marked with the InterWrap, Inc., name and address, the product name (TITANIUM-UDL™), the date of manufacture, the evaluation report number (ER-6043) and the name or logo of the inspection agency (Intertek Testing Services NA Ltd.).

3.0 EVIDENCE SUBMITTED

Data and reports of tests in accordance with the ICC-ES Acceptance Criteria for Roof Underlayments (AC188), dated February 2003, and a quality control manual.

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