

CITY OF SACRAMENTO  
1231 I Street, Sacramento, CA 95814

Permit No: 0514417  
Insp Area: 2  
Thos Bros: 337B4

Site Address: 1315 LA CUEVA WY SAC  
Parcel No: 031-1250-037

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

**CONTRACTOR**  
ABSOLUTE ROOFING  
8831 OLIVE RANCH LN  
FAIR OAKS, CA 95628

**OWNER**  
SWEENEY WILLIAM J/TRAM N  
1315 LA CUEVA WY  
SACRAMENTO CA 95831

**ARCHITECT**

Nature of Work: T/O RE-ROOF 36 SQS OF STANDARD WEIGHT TILE & INSTALL STANDARD WEIGHT TILE ROOFING

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 639 License Number 704832 Date 9-19-05 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).

PAID  
CITY OF SACRAMENTO  
SEP 19 2005  
NEIGHBORHOODS PLANNING  
AND DEVELOPMENT SERVICES

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 9-19-05 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.

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 0001787-2004 Exp Date 01/01/2006

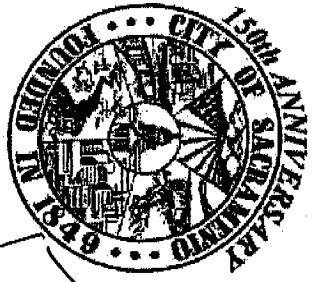
(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become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

X Date 9-19-05 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.

[Handwritten mark]



05144117  
031-1250-037

Faxed request must be received in this office by 3:00 p.m. to be processed the following work day.  
Note: Contractors must have a current certificate of Worker's Compensation Insurance.

CITY OF SACRAMENTO  
DEVELOPMENT SERVICES DIVISION  
FAXED PERMIT APPLICATION (certain restrictions apply)  
Fax # 916-264-1901

DATE: 9-19-05

Note: Work started before a Building Permit is issued will be subject to quad fee

RESIDENTIAL  APARTMENTS (4+ units per building)  COMMERCIAL (united)

JOB ADDRESS: 1315 LA CUEVA WY.

UNIT # \_\_\_\_\_ CONTRACT PRICE \$ 18,000.00

CONTACT PERSON: TOM WAZICK

CONTACT PHONE: 837-8712

Property Owner: BILL SWANNEY  
Address: 1315 La Cueva Wy.  
City/State/Zip: SACRAMENTO CA. 95831  
Phone: 392-9479

Contractor: AB SOLUTE RFG License # 704832  
Address: 5831 Olive Ranch Ln,  
City/State/Zip: F.O. CA. 95828  
Phone: 965-1762 FAX: 965-1762

NATURE OF REQUEST: Indicate from the selections below & provide details under description of work.

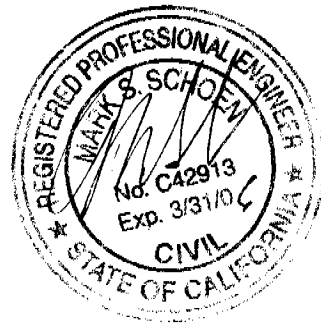
<input checked="" type="checkbox"/> REROOF (excluding tile) <input checked="" type="checkbox"/> TEAR-OFF <input type="checkbox"/> RESHEET <input checked="" type="checkbox"/> HOUSE <input type="checkbox"/> GARAGE # STAIRS: 2 # SQUARES: 360 Material: STD, WT. TILE <input type="checkbox"/> SIDING <input type="checkbox"/> wood <input type="checkbox"/> T-111 <input type="checkbox"/> Horiz <input type="checkbox"/> vinyl <input type="checkbox"/> stucco Note: Design Review approval may be required in certain areas.	<input type="checkbox"/> HVAC INSTALLATIONS (residential ONLY) <input type="checkbox"/> CHANGE-OUT <input type="checkbox"/> NEW <input type="checkbox"/> Heat Pump <input type="checkbox"/> Package <input type="checkbox"/> Split system <input type="checkbox"/> Roof mount <input type="checkbox"/> Cut-in <input type="checkbox"/> Heat pump or elect. unit to gas. <input type="checkbox"/> Wall furnace <input type="checkbox"/> Other (describe below) <input type="checkbox"/> DRY ROT OR TERMITTE DAMAGE REPAIR (Describe locations below) Value of duct work: \$ _____ Equipment: \$ _____ Cut-in: \$ _____ Note: Design Review approval may be required for rooftop units.	<input type="checkbox"/> WATER HEATER (residential ONLY) <input type="checkbox"/> GAS <input type="checkbox"/> ELECTRIC <input type="checkbox"/> Change-out <input type="checkbox"/> Electric to Gas <input type="checkbox"/> Relocate <input type="checkbox"/> New <input type="checkbox"/> MINOR ELECTRIC and/or MINOR PLUMBING (residential ONLY) <input type="checkbox"/> Electric Service Change # amps <input type="checkbox"/> New electric circuits <input type="checkbox"/> Re-wire <input type="checkbox"/> Water Service Replacement <input type="checkbox"/> Sewer Service Replacement <input type="checkbox"/> Gas Line Replacement <input type="checkbox"/> Re-plumb <input type="checkbox"/> Water <input type="checkbox"/> Waste	<input type="checkbox"/> PUBLIC UTILITIES SAFETY INSPECTION* (Residential and single apartment units ONLY) <input type="checkbox"/> SMUD <input type="checkbox"/> PGE *NOTE: Correction Notice items will require an additional building permit
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DESCRIPTION OF WORK:

16ft STANDARD-WEIGHT CLAY S TILES, INSTALL  
USED ENGLE CONCRETE TILES (SAME WEIGHT) SYSTEM  
+ used cutters

0514417

SCHOEN ENGINEERING  
9524 BEDINGTON WAY  
SACRAMENTO, CA 95827  
(916) 369 6866  
Licensed by the California State  
Board for Engineers and Land Surveyors  
LIC.# C042913



June 24, 2005

William Sweeney  
1315 La Cueva Way  
Sacramento, CA 95831

SUBJECT: Reroof at 1315 La Cueva Way, Sacramento, CA 95831

William:

On June 23<sup>rd</sup> 2005 I inspected the roof structure of the residence at the above mentioned address. The roof was made up of 2x8 D.F. No. 2 rafters @ 2' o.c. with a maximum span of 14' in the attic areas of the house and the garage and 2x10 D.F. No. 2 A 2' o.c. with a maximum span of 14' in the vault area of the first story. There was a 5-1/8"x24" D.F. Glulam supporting part of the first story vault roof and the second story roof. The roof had OSB panel solid sheathing and clay tile. Roof slope was 5:12.

It is my finding that this structure is adequate for the following : 30lb. tarred felt installed over the existing OSB sheathing; 1x2 batts; Concrete tile weighing 9.9 lbs./sq.ft. Or less.

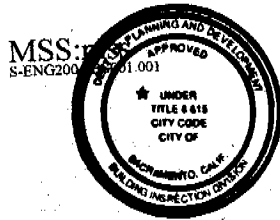
**NOTE:** it is possible when reroofing that the increased load to structural elements also supporting wall, ceiling and floor finishes could cause some minor cosmetic cracking of these finishes. This is typical of wood framed structures and does not of itself indicate structural inadequacy of these members.

This report deals with the structural adequacy of roof supporting members that were readily observable. It does not address any structure that was covered by wall finishes, buried in the ground or was otherwise not observable. Any such structures were assumed to conform to standard construction specifications in the Uniform Building Code. Also, it does not address any existing deflection or warping of roof surfaces, nor is it guaranteed that any structural modifications that may be listed in this report will remove such deflections or warping. The repair of such deflections or warping to improve architectural appearance is at the option of the building owner and the roofing contractor.

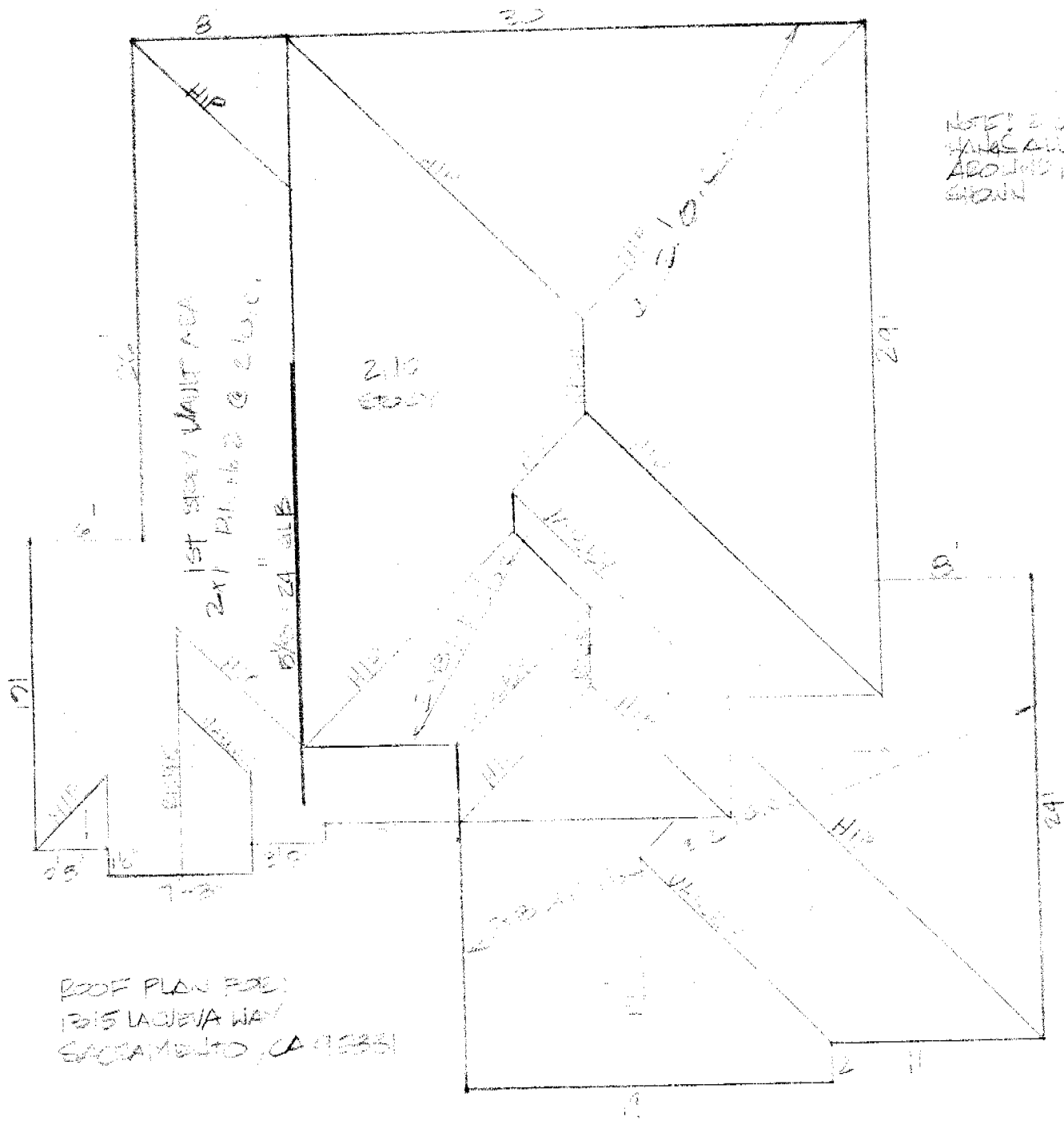
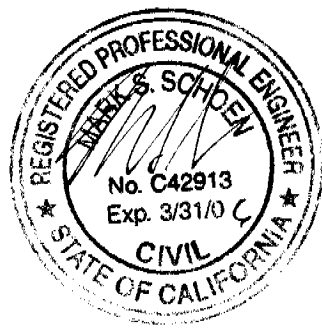
This report has be prepared for the sole benefit of the individual to whom it is addressed. The use of or reliance on this report by any other individuals or entities without the expressed written consent of the above addressee and Schoen Engineering is forbidden. This does not preclude a licensed contractor acting as an agent for the addressee from using this report to obtain a building permit.

I would like to thank you for allowing me to provide my services in this matter. Please let me know if I may be of further assistance.

Sincerely,  
  
Mark S. Schoen P.E.



This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations from the same without written permission from the Building Inspection Division. The approval of this plan and specification SHALL NOT be held to permit or approve the violation of any City Ordinance or State Law.



NOTE: 2:12 SLOPE  
 HANDS ALL  
 ABOVE IS  
 SHOWN

ROOF PLAN FOR:  
 1315 LACIEVA WAY  
 SACRAMENTO, CA 95831



SCHOEN ENGINEERING

Client: William Sweeney

Date: 06/24/2005

Job No.: BS001

Page: \_\_\_\_\_

Job Title: Reroof @ 1315 La Cueva Way, Sacramento, CA 95831

Calculation for the required section modulus and moment of inertia for simple span wood beams. Dead load(Dl) and Live load(Pl) are in pounds per square ft., Spans(l) and Tributary load length or spacing(sp) are in ft., Section moduli are in inches cubed and Moments of inertia are in inches to the 4th power. Allowable stress (Fy) is in lbs./sq.in. per Manufacturer's specifications Section modulus shape factor reduction and load modification are per U.B.C. 1997 edition .

5-1/8"x24" GLULAM ROOF SUPPORT BEAM

Superimposed dead and live

loads:

Roofing dead load: DLt := 9.9 Live load: rll := 14 Rafter spacing: sp := 2

Rafter dead load: Rdl :=  $\frac{4}{sp}$  Skip shtg. dead load: skshtg := 0

Plywood dead load: ply := 1.5 Ceiling dead load: clg := 2.5 misl. dead load: msl := .5

Total dead load: rdl := DLt + Rdl + skshtg + ply + clg + msl rdl = 16.4

Roof trib area: rta := 11 Beam Length: l := 23 rta·l = 253

Wdl :=  $16 \cdot \frac{5.125}{144} \cdot 24$  Wdl = 13.667 E := 1900000 Fb := 2400·1.25

wt := rta·(rdl + rll) + Wdl

wtδ := rta·(.5·rdl + rll) + .5·Wdl

S min. required =

$$(wt) \cdot l^2 \cdot \frac{1.5}{Fb} = 92.064$$

I min. required =

$$5 \cdot (Wdl + wt\delta) \cdot \frac{(1 \cdot 12)^4}{12 \cdot 384 \cdot E \cdot l \cdot \frac{12}{240}} = 762.775$$

Check 5-1/8"x24" MicroLam beam:

w := 5.125

d := 24

$$S := Cf \cdot w \cdot \frac{d^2}{6}$$

$$I := w \cdot \frac{d^3}{12}$$

$$Cf := \left(\frac{12}{d}\right)^{\frac{1}{9}}$$

S = 455.53

> 92

I = 5904

> 760

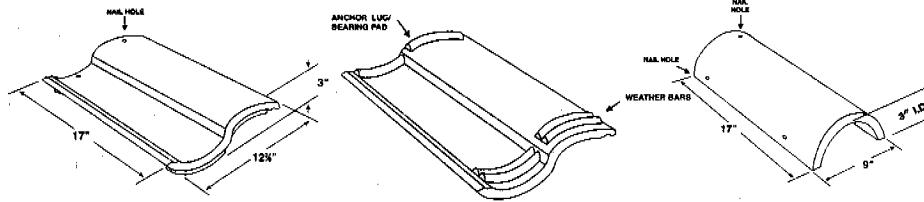
therefore 5-1/8"x24" GluLam is O.K.

# EAGLE ROOFING PRODUCTS TECHNICAL INFORMATION

## Capistrano

Tiles per 100 sq ft. with 3" headlap **88.5**

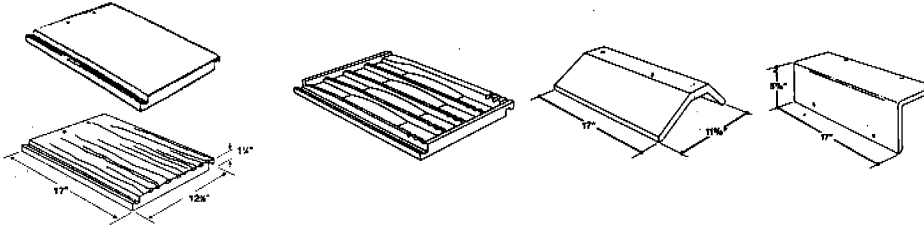
Approximate installed weight field tile per 100 sq ft. **950 lbs**



## Bel Air & Ponderosa

Tiles per 100 sq ft. with 3" headlap **88.5**

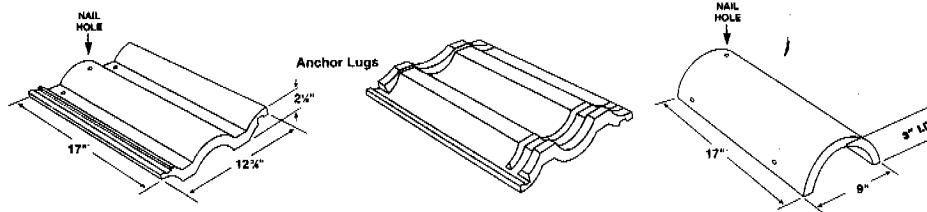
Approximate installed weight field tile per 100 sq ft. **1000 lbs**



## Malibu

Tiles per 100 sq ft. with 3" headlap **88**

Approximate installed weight field tile per 100 sq ft. **950 lbs**



### Approvals

International Conference of Building Officials I.C.C.E.S. Report #4660, and City of Los Angeles Research Report # 25021

### Fire Resistance

EAGLE tiles easily exceed the resistance requirements for burning brands and spread of flame listed in A.S.T.M. Class A fire test criteria.

### Cold Weather Resistance

All EAGLE tile products surpass the freeze-thaw test requirements of all known building code development agencies.

### Installation

Detailed installation recommendations can be found in the Installation Manual for Moderate Climate Regions published by the Tile Roof Institute. For further information please visit: [www.tilerroofing.org](http://www.tilerroofing.org) I.C.B.O.E.S. Report #6034P upon request, or visit: [www.icboe.org](http://www.icboe.org)

### Warranty

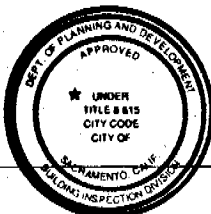
Limited lifetime product warranty available. Note: EAGLE warrants the performance of tiles only. Workmanship and accessory materials must be warranted by others.

### Efflorescence

Temporary light patterning may appear on darker tiles. This is caused by efflorescence and occurs naturally as seen on sidewalks, and brick walls when alkaline deposits gravitate to surfaces exposed to moisture. The surface of every EAGLE tile has been treated to minimize efflorescence. If it should occur on your roof, it will disappear completely after additional exposure to rain.

### Disclaimer

The printed colors shown in this brochure may vary from actual tile colors. Before making a final selection, be sure to review current tile samples and roof installations.



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AMERICAN MADE

