

PROPOSALS MUST BE RECEIVED BY:  
**2:00 PM on Tuesday, April 20<sup>th</sup>, 2021**

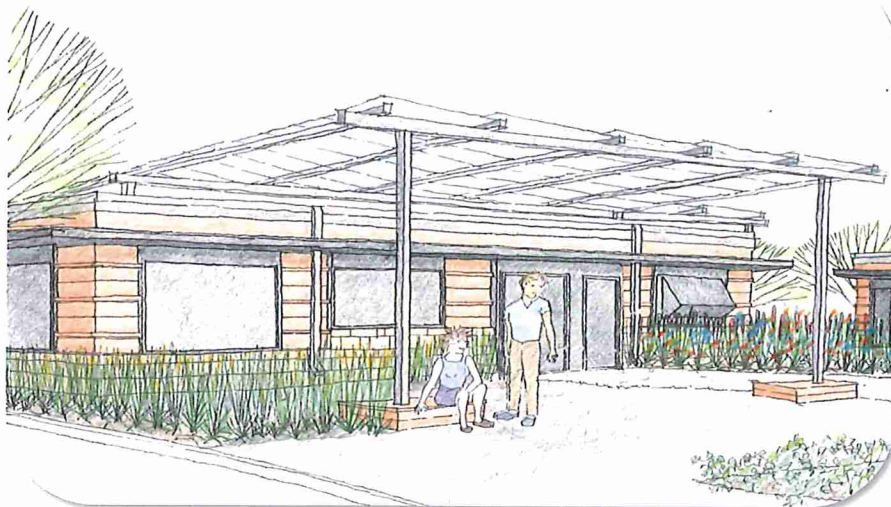
Deliver by e-mail ONLY to:

Mary Jo Warner  
Ramsey, MN 55303  
763-433-9820

E-mail to: [mwarner@cityoframsey.com](mailto:mwarner@cityoframsey.com)

## REQUEST FOR QUOTATION

**Design and Construction  
of Exterior Finishes to  
Pump House No. 3**



## PROPOSAL SPECIFICATIONS

**Design and Construct exterior finishes on Pump House No. 3  
at 14515 Center Street, pursuant to all industry standards,  
and material manufacturer's instructions.**

### Pre-Qualifications:

- I. **\*\*Bidder/Contractor shall demonstrate that he/she has successfully installed 3 (three) projects of comparable or greater scope in a county, municipal or school setting in the Twin Cities Metropolitan area within the last 10 (ten) years.**
- II. **Bidder/Contractor shall confirm his/her capacity to develop the design and produce construction documents necessary to convey the design intent depicted in pages 5 & 6, with colors and finishes\* similar to that of the Municipal Center; and to receive a building permit for the Work, and to construct the Project. A Design Subcontractor, if required to fulfill this requirement, must be identified in the Bidder/Contractor's proposal.**
- III. **Contractor is responsible for visiting the site and Pump House to determine all existing conditions that may affect the performance of the Work, AND participating in the Pre-Bid Conference if one is scheduled.**

### Project Requirements:

I/We agree to design and construct furnish all labor, supply materials as needed, and site security to perform the work as described below:

- Contractor and the City of Ramsey shall enter into the City's standard form of agreement.
- Contractor shall submit documentation of the design to the City of Ramsey's representative for review and approval at two phases of the Project: design development and 75% of contract documents. The Contractor shall provide an Architectural Finish Material Board, for acceptance at the design development phase.
- Contractor shall submit contract documents for permitting by the City of Ramsey and shall secure all permits related to the Work.
- Pump House No. 3 shall be fully operational during construction. The Contractor shall make accommodations for these continuous operations and for access to the building by City staff and other Contractors as may be required.

- Contractor shall provide evidence of insurance in accordance with City requirements, and be licensed to work in the City (a \$75 fee).
- Contractor may use outdoor building utilities in the performance of the Work.
- Contractor shall provide temporary facilities, as required, for proper storage of materials and for sanitation.
- Mobilization and material handling necessary to install ALL exterior finish materials as depicted in the Appendix and as required for the completion of the Work.
- Contractor shall layout and prepare the construction site for approval by a City representative.
- Contractor shall communicate with the City's representative to ascertain underground utilities that surface on site, and shall be responsible for marking and protecting all utilities on the site during construction.
- Contractor shall protect above ground equipment and notify the City's representative immediately of any damage to equipment.
- Contractor shall carefully remove materials (if any) from the building in preparation for the Work and dispose of same properly of at his/her expense. The building interior shall not be subjected to weather-related elements.
- The contractor shall substantially complete the project within 30 days from notice to proceed to close-out.
- The Contractor shall be paid for the work completed, materials on site, and not equipment & furnishings stored off-site. The City is not responsible for stolen, missing or damaged materials.
- Applications for Payment will be promptly reviewed by the City's representative.
- Notify the City's representative prior to substantial completion to schedule a final review of the work and make corrections to deficiencies identified in the final review.
- Contractor must include within the Quote, any incidentals required to complete the installation pursuant to manufacture's standards.
- This Request for Quotation shall be a not-to-exceed amount. The Contractor must include within his/her quote any time or materials necessary to complete the work in a professional and quality manner. At the completion of the Work, the site's grounds shall be returned to its current condition by the Contractor.
- There will be no Change Orders.
- Work site may be required to be enclosed with temporary safety fencing—if the contractor is not physically on site. Fencing is **not required** if there are no equipment or loose items/tools anywhere on site.

**Work and Staging Areas:**

Confine work activities to the Pump House site. Contactor is responsible for protecting driveway pavement from breaking and damage. No mechanized equipment shall be left overnight on the site (unless fenced), and no construction activity shall be performed before 7 AM nor after 7 PM Monday through Saturday. The contractor shall provide 72-hour advance notice before working on Saturday. City Council approval is required for Sunday work.

Coordinate staging area and fencing with the City's representative prior to beginning the Work. Pump House operations may not be interrupted by the Work and access to the building must be maintained continuously.

**Liquidated Damages:**

Liquidated damages shall be deducted from the approved quoted amount, in a sum of \$30 dollars per weekday (M-F) for non-completion after August 31<sup>st</sup>, 2021, or 120 calendar days after City's issuance of notice to proceed – whichever occurs later.

**Warranty/Guarantee:**

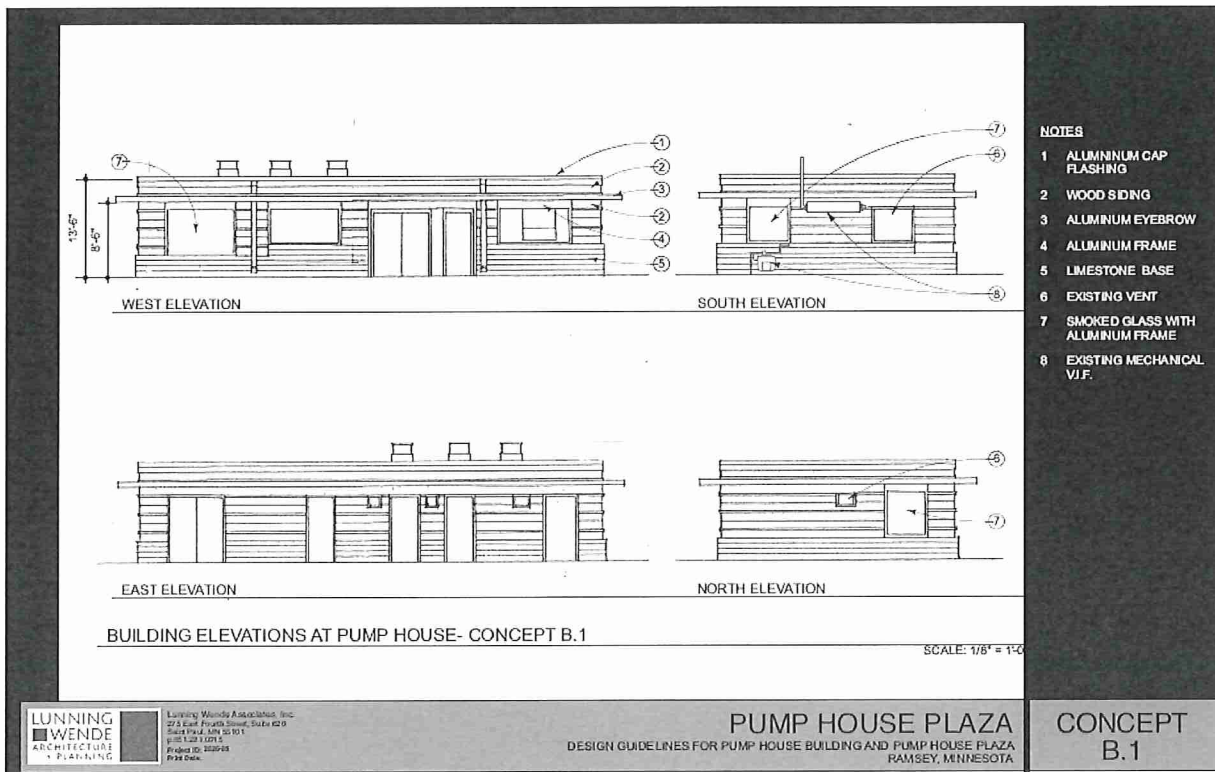
The Contractor warrants and guarantees to the Owner that all installation Work will be of good quality and free from faults or defects in accordance with this RFQ. All defective Work may be rejected.

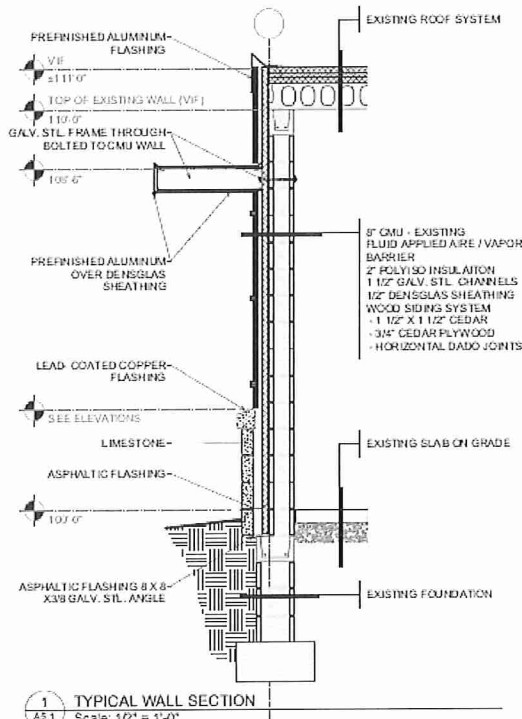
If required by the Owner, prior to payment, the Contractor will promptly without cost to the Owner, correct defective Work, or replace it with non-defective Work. If the Contractor does not correct such defective Work or remove and replace within a reasonable time, the Owner may have the deficiency corrected or the rejected Work removed and replaced. All direct or indirect costs of such correction or removal and replacement, including compensation for additional professional services shall be paid by the Contractor, or deducted by the Owner, all such costs from the quoted contract price.

If, instead of requiring correction or removal and replacement of defective Work, the Owner (prior to approval of final payment) prefers to accept it, they may do so. In such case, if the acceptance occurs prior to final payment, a Statement shall be issued incorporating the necessary revisions, including appropriate reductions in Contract Price.

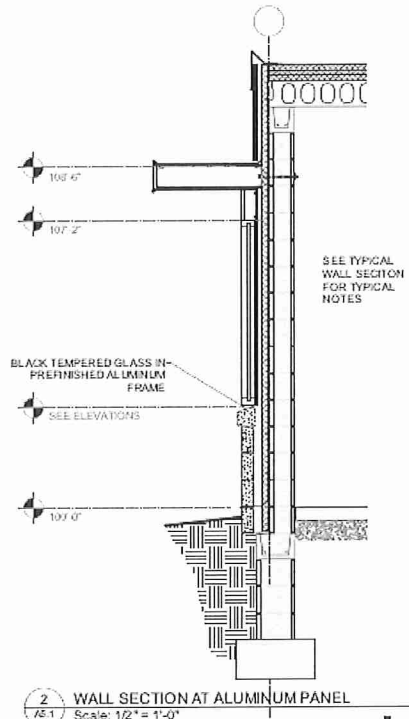
**Specification Reference:**

The Contractor shall design the Work in conformance with the Specifications and Concept Drawings set forth below, and in accordance with standard construction practices. Additionally, the Contractor must be licensed to work in the City of Ramsey, at the time work may commence. The three lowest cost proposers may be asked to include a \*list of finish materials and manufacturers to aid in the selection of the qualified Bidder/Contractor.





1 TYPICAL WALL SECTION  
AS.1 Scale: 1/2" = 1'-0"



2 WALL SECTION AT ALUMINUM PANEL  
AS.1 Scale: 1/2" = 1'-0"

**LUNNING  
WENDE**  
ARCHITECTURAL  
PLANNING

Lunning-Wende Associates, Inc.  
222 East Fourth Street, Suite 400  
St. Paul, MN 55101  
PH: 651.221.0815  
FAX: 651.221.0816

CONCEPT DESIGN GUIDELINES FOR MUNICIPAL PLAZA + CENTER STREET + PUMP HOUSE BUILDING + PUMP HOUSE PLAZA  
RAMSEY, MINNESOTA

**PUMPING FACILITY**

**WALL SECTION**

~ End of Specifications ~

Quotation for Design and Construction of Exterior Finishes at Pump House No. 3

\$ 132,500<sup>00</sup> for all costs to complete installation as referenced.

In submitting the above quote, I/We warrant the quote valid for work to be completed on or before August 31<sup>st</sup>, 2021 or 120 calendar days after City's issuance of notice to proceed – whichever occurs later.

Additionally, I/we acknowledge the specifications, provisions and Appendix referenced herein and above. (Contractor need only submit this Quotation page #7.)

Contractor name AMERICAN LIBERTY CONSTRUCTION, INC.

Owner or representative HOWARD O. JACOBSON

Signature 

Phone(s) 763-477-9900

E-mail HOWARD J@AMERICANLIBERTY.BIZ

\*\*List three related projects of comparable scope for a governmental agency in the Twin Cities Metropolitan area within recent years, with contact/reference information:

Project name and location EDINA WELL BLDG #9  
Contact name and info DAVID GOERGAN 952-826-0312

Project name and location EGAN WELL HOUSE IMPROVEMENTS  
Contact name and info JON EASON 651-675-5215

Project name and location CITY OF RAMSEY - ELMCREST PARK BLDG  
Contact name and info MARK FIVEKLOOD 763-427-8254

# AMERICAN LIBERTY CONSTRUCTION

P.O. Box 547, 5900 Main Street, Rockford, MN 55373 phone 763-477-9900 and fax 763-477-9600

## PROPOSAL REQUEST NOTES:

4/20/21

- 1) We have attached our proposal estimate for transparency. We have not been involved in the original design discussions and therefore we will have to be brought up to speed. There will be products to review and ideas to clarify, to come to agreement on the final design, which could impact the pricing. We will gladly share all estimates and costs with you throughout the process.
- 2) \$1000 Engineering allowance included for calculations for sunshade, siding and stone veneer.
- 3) We anticipate the existing conceptual drawings included in the City RFP are sufficient to acquire building permits and complete construction, with some minor modifications. These modifications will be done by American Liberty Construction. Consent of the Architect is required to be obtained by the City of Ramsey to use the plans and make modifications. Additional details will be provided by American Liberty Construction as attachments to the Architects plans. No other Architect certification is included in our proposal.
- 4) Does not include grass or sod restoration after construction.
- 5) Stone veneer per Boulder Creek Stone Products. Substitutions of equal price can be made. See attached selection guide.
- 6) Prefabricated aluminum Sun / Shade Screen "SA" style by Industrial Louver. Screen is painted with one of 61 standard colors. The typical wall section shows a closed canopy which would require structure, roofing, soffit, flashing, etc, would add snow loading to the building wall and complicate the overall design. Possible cost savings can be reviewed if needed for the "wall section overhang" vs the Industrial Louver Sun / Shade Screen.
- 7) Our lumber supplier could not find any 3/4" cedar plywood that is suitable for use in an exterior application. They did come up with a 5/8" panel of Okoume plywood that has similar properties to cedar and is made for exterior siding. It will gray out over time. This material will need to be approved prior to acceptance of this proposal, or the alternate Thermory siding and cost approved.
- 8) An alternate for Thermory Wood Siding which is 1 x 4 Ash, temperature treated for exterior use is provided along with some literature. This is a very attractive product for the price upgrade.
- 9) Windows are bronze or clear anodized frame with gray tinted glass. Samples will be reviewed for density and color selection.
- 10) Painting of hollow metal doors on the exterior side to match windows and sun shade is included. Painting pipes and other misc. items protruding thru the siding is included. Siding is natural wood and is not finished.
- 11) Electric lights and outlets are extended to the outside face of the new siding.

**ALTERNATE PRICING FOR THERMORY ASH SIDING:**

**ADD \$15,000.00**

### Exterior Finishes Pump House #3

CSI	Description	Qty	Unit	Matl	Matl Ext	Hrs	L Ext	Matl	Sub	Extension
04200(s)	Stone Veneer	1	LS	\$0	\$0		\$0		\$17,000	\$17,000
05000(s)	Steel Erection	1	LS	\$0	\$0		\$0			\$0
	Install Sunshade Brackets	22	Ea.	\$0	\$0	16	\$1,200			\$1,200
	Install Sunshade Panels	22	Ea.	\$0	\$0	44	\$3,300			\$3,300
06105(m)	Misc. Hardware	1	LS	\$0	\$1,000	32	\$2,400			\$3,400
06100(m)	Lumber Rough Framing	1	LS	\$0	\$0		\$0	\$1,600		\$1,600
	Galvanized Angle 3" x 3"	125	LF	\$0	\$0		\$0	\$2,500		\$2,500
	Epoxy, Rods, Screens	1	Ea.	\$0	\$0		\$0	\$400		\$400
	Siding Base Flashing	150	LS	\$0	\$0		\$0	\$300		\$300
	2 x 4 Blocking at Doors	1	LS	\$0	\$0		\$0	w/Lumber		\$0
	2" Zees x 10'	90	Ea.	\$0	\$0		\$0	\$650		\$650
	2" Bottom Channel (NR)	1	LS	\$0	\$0		\$0	\$300		\$300
	Smack Pins	1	LS	\$0	\$0		\$0	\$145		\$145
	2" Insulation	1600	SF	\$0	\$0	64	\$4,800	\$1,622		\$6,422
	1 x 4 Trt Furring	1	LS	\$0	\$0	8	\$600	\$684		\$1,284
	Self Drilling Screws	700	Ea.	\$0	\$0		\$0	\$107		\$107
	Plywood Behind Masonry	1	LS	\$0	\$0		\$0	w/Lumber		\$0
	Siding	1375	SF	\$0	\$0	80	\$6,000	\$7,000		\$13,000
	1 x 4 Trim Corners	96	LF	\$0	\$0		\$0	w/Siding		\$0
	1 x 4 Trim Doors, Wdw, Louvs	300	LF	\$0	\$0		\$0	w/Siding		\$0
	1 x 6 Trim Doors & Louvers	220	LF	\$0	\$0		\$0	w/Siding		\$0
	Caulking	1	LS	\$0	\$0		\$0	\$75		\$75
07160(s)	Air Barrier (no doors)	1600	SF	\$0	\$0		\$0		\$6,075	\$6,075
07620(m)	Flashing / Sheetmetal	1	LS	\$0	\$0		\$0	\$2,000		\$2,000
08400(s)	Aluminum Entrances	1	LS	\$0	\$0		\$0		\$8,700	\$8,700
09900(s)	Painting	1	LS	\$0	\$0		\$0		\$2,500	\$2,500
	Doors	9	Ea.	\$0	\$0		\$0			\$0
	Louvers & Hoods	5	Ea.	\$0	\$0		\$0			\$0
10200(s)	Shade Screen	1	LS	\$0	\$0		\$0	\$29,636		\$29,636
16000(s)	Electrical	1	LS	\$0	\$0		\$0		\$1,250	\$1,250
		1	LS	\$0	\$0		\$0			\$0
	SUBTOTAL									\$101,845
01000	General Conditions									\$16,448
	SUBTOTAL									\$118,293
17000	Overhead/Profit	12%								\$14,195
	SUBTOTAL									\$132,488
00600(G)	Perf/Pay Bond	1.461%	First \$500,000					Max \$7303	\$0	\$0
	TOTAL									\$132,488
	Bid Price								\$132,500.00	
<b>Alternate #1 Thermory Siding</b>										
06500(s)	Thermory Siding	1	LS	\$0	\$0		\$0		\$10,000	\$10,000
	Additional Labor	1	LS	\$0	\$0	48	\$3,600			\$3,600
		1	LS	\$0	\$0		\$0			\$0
	SUBTOTAL									\$13,600
17000	Overhead/Profit	12%								\$1,632
	SUBTOTAL									\$15,232
00600(G)	Perf/Pay Bond	1.461%	First \$500,000					Max \$7303	\$0	\$0
	TOTAL									\$15,232
	Bid Price								\$15,000.00	

# Boulder Creek Stone Selection Guide

Accessories	20	Ohio Rubble	8
Bavarian Castle	2	Pebble Stone	10
Bluff Stone	3	Prairie Bluff	9
Cliffstone	3	River Rock	10
Clinker Brick	17	Sangria	7
Country Ledge	4	Southeastern Ledgestone	12
Eastern Fieldstone	4	Splitface	13
Estate Brick	18	Stonebrick	16
Fast Stak	5	Travertine Brick	19
Installation	23	Tumbled Brick	18
Italian Fieldstone	6	Used Brick	17
Montana Ledge	6	Venetian Cobble	14
Mountain Blend	7	Washed River Rock	11
New Brick	16	Weathered Edge	15
Nuggets	10	Western Ledge Stak	15

## Bavarian Castle



**Antique Buff**  
S6240-4



**Norwich**  
S6250-5



**Tudor**  
S6255-6



**Westwood**  
S6230-4

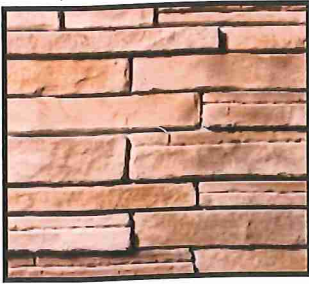


**York Gray**  
S6220-3



**Liverpool**  
S6260-6

## Bluff Stone



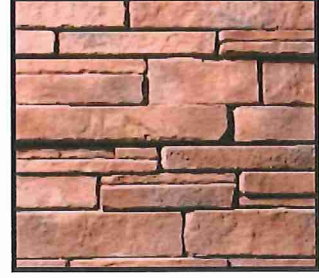
Cinnamon  
S4810-8



Easton  
S4835-5



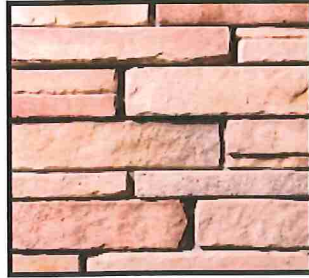
Outback  
S4800-8



Harrison  
S4840-5



Seneca  
S4830-4



Sunset  
S4820-8

## Cliffstone



Apache  
S5170-0



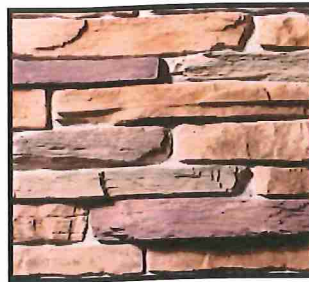
Montour  
S5185-4



Bradford  
S5190-7



Foxboro  
S5180-4



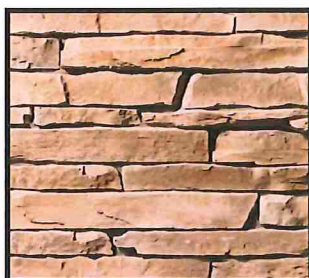
Durango  
S5160-0

## Country Ledge



West Chester

S4095-7



Brown

S4000-8



Fossil Beige

S4060-8



Jackson

S4035-7



Teton

S4015-8



Glacier Buff

S4025-8



Vancouver

S4005-7

## Eastern Fieldstone



Englewood

S6000-5



Hanover

S6030-7



Stonehill

S6015-5



Hampton

S6020-5



Walden

S6025-5



Tishbury

S6010-5

# Fast Stak

GROUTLESS PATTERN



Nema

S5060-8



Gunflint Gray

S5020-9



Cashmere

S5015-7



Velarde

S5025-7



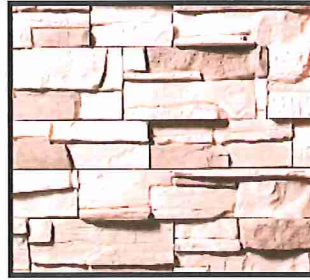
Ancona

S5005-7



Sable

S5070-8



Jaffa Beige

S5040-9



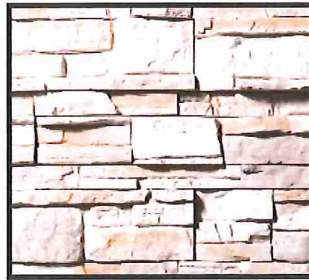
Russet Brown

S5090-6



Cheyenne Ridge

S5050-8



Mirage Gray

S5010-9

GO TO [WWW.BOULDERCREEKSTONE.COM](http://WWW.BOULDERCREEKSTONE.COM) FOR MORE INFORMATION

## Italian Fieldstone



Tivoli

S5200-5



Venice

S5205-5



Toscana

S5220-5



Bergamo

S5215-5



Amaretto

S5225-7



Merzell

S5210-5

## Montana Ledge



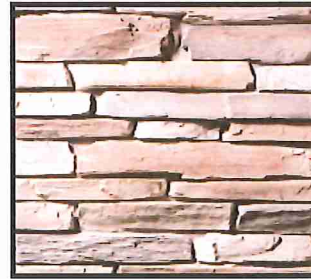
Rocky Mountain

S4610-8



Ronan

S4675-6



Suede Gray

S4630-8



Leather Brown

S4650-8



Chesapeake

S4670-4



Cactus Ridge

S4620-8



Cameron

S4680-6

## Mountain Blend

NEW PATTERN



Comforts of Home

S9030-6



Athena

S9035-7



Barton

S9040-7



Kenwood

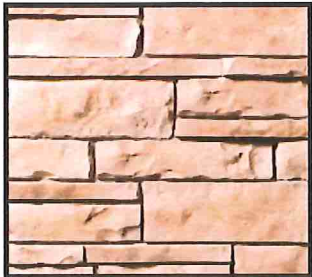
S9045-7



Medena

S9050-7

## Sangria



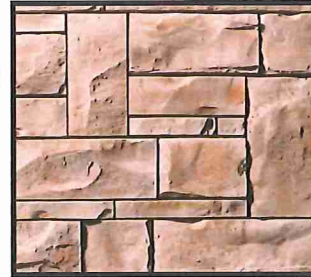
Castano

S4200-8



Auburn

S4230-7



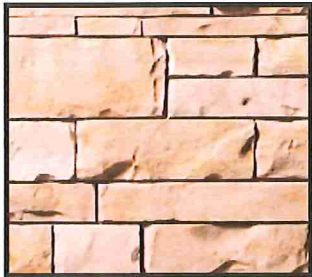
Morada

S4215-6\*



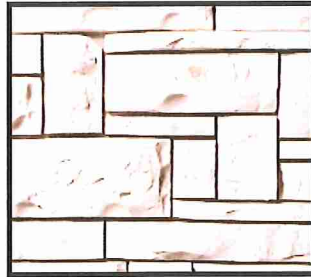
Tolono

S4240-4



Pueblo

S4245-5

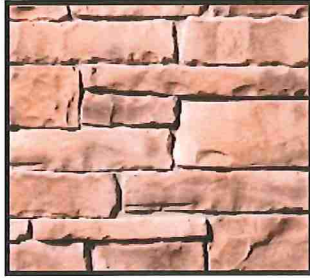


Spanish Wheat

S4210-8\*

\* Please note, Spanish Wheat: S4210-8 and Morada: S4215-6 are shown with some pieces installed vertically.

## Ohio Rubble



Olin Valley

S4710-8



St. Claire

S4705-7



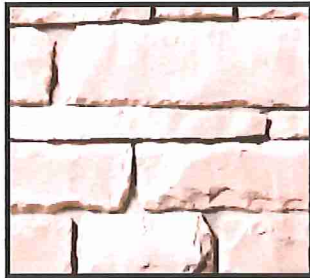
Smokey Hollow

S4725-8



Prairie Mountain

S4720-8



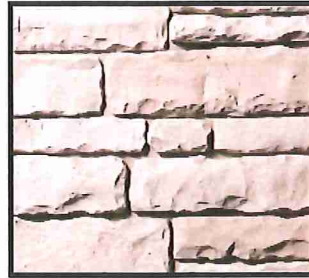
Oklahoma Crème

S4750-9



Stonehenge

S4775-4



St. Charles

S4780-5



Hudson Bay

S4760-0

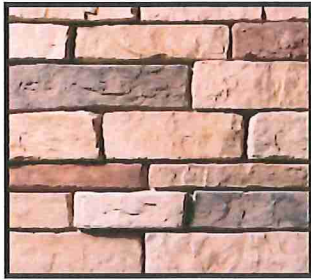


Monroe

S4715-7



# Prairie Bluff



Navajo

S5800-9



Newbury

S5885-7



Mojave

S5860-5



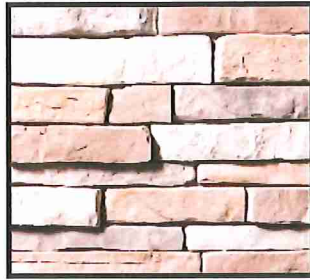
Oakwood

S5830-4



Camino

S5855-5



Laner

S5820-0



Red Mountain

S5865-5



Ottawa

S5870-6



Yuma

S5810-0



Varena

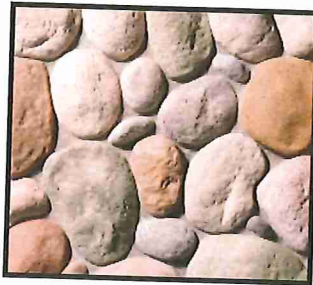
S5875-6

## River Rock



Minnesota Blend

S4385-8



Manistee

S4325-6



Comfort Blend

S4330-8



Northern Blend

S4345-8



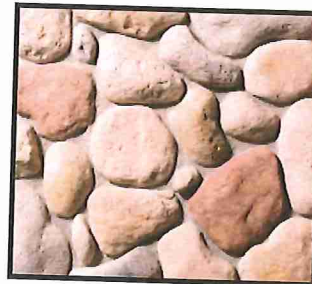
Desert Rust

S4350-8



Natures Blend

S4355-8



Copper Mountain

S4370-8



Mineral Gray

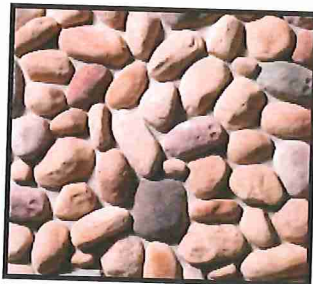
S4320-6



Wilderness

S4335-6

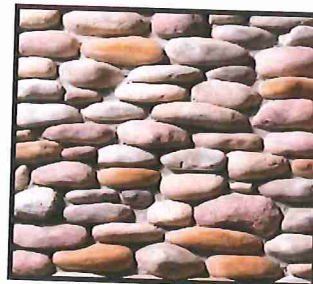
## Nuggets



Superior

S5600-9

## Pebble Stone



River Bed

S5400-8

## Washed River Rock



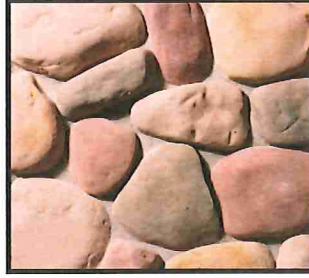
Barren

S5305-6



Erie

S5310-6



Escanaba

S5315-6



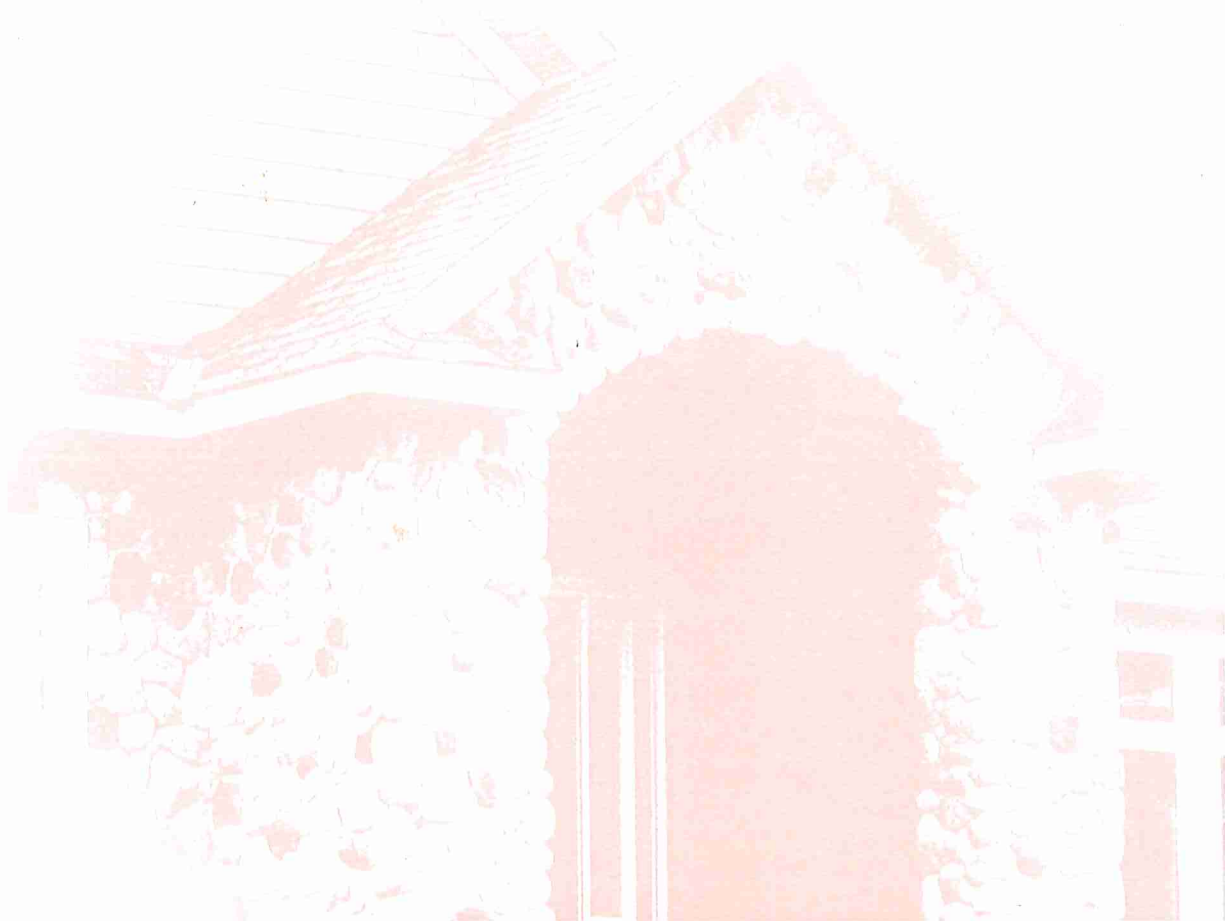
Potomac

S5320-6



Yakima

S5325-6



GO TO [WWW.BOULDERCREEKSTONE.COM](http://WWW.BOULDERCREEKSTONE.COM) FOR MORE INFORMATION

## Southeastern Ledgestone



Crimson Mountain

S6185-6



Cajun

S6110-3



Wilmington

S6175-5



Quincy

S6115-7



Saratoga

S6145-4



Sierra Madre

S6150-4



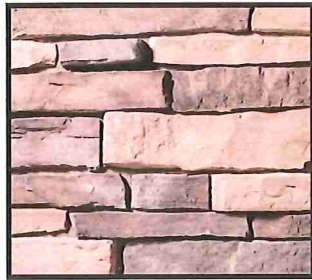
Barrington

S6155-4



Butternut

S6165-5



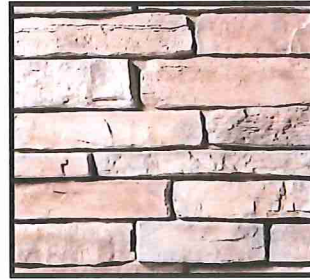
Savannah

S6130-3



Allegheny

S6170-5



Westport

S6180-5



Hamilton

S6120-3



Mohawk

S6190-6



Tupelo

S6100-3

## Splitface



Sheffield

S4265-7



Buckeye Blend

S4260-8



Mansfield

S4255-7



Painted Desert

S4280-0



Willows

S4285-0



Michigan

S4290-1



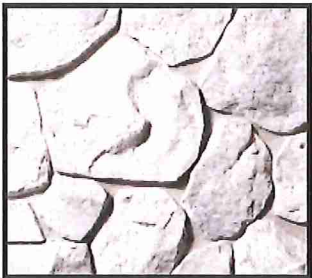
Sagebrush

S4270-9



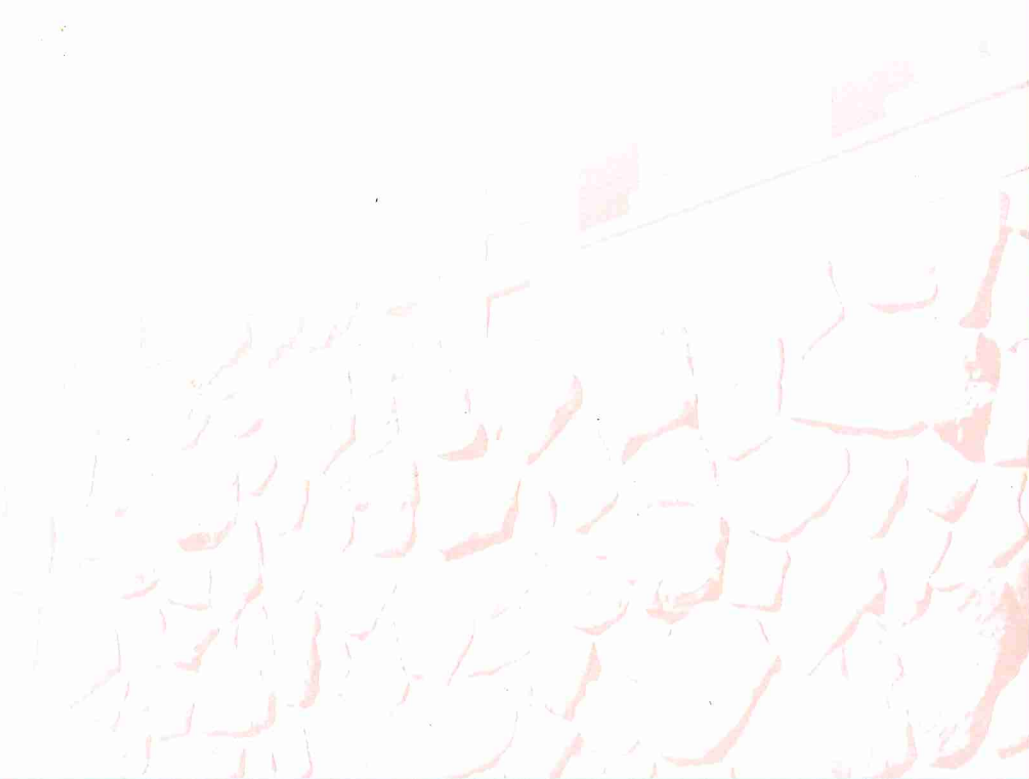
Great Lakes

S4250-8



Granite

S4300-8



GO TO [WWW.BOULDERCREEKSTONE.COM](http://WWW.BOULDERCREEKSTONE.COM) FOR MORE INFORMATION

# Venetian Cobble



**Napoli**

S5900-5



**Biella**

S5905-5



**Milan**

S5910-5



**Molise**

S5930-6



**Florence**

S5940-7



**Lamson**

S5925-5



**Naples**

S5935-7



**Salerno**

S5915-5



**Genoa**

S5920-5



GO TO [WWW.BOULDERCREEKSTONE.COM](http://WWW.BOULDERCREEKSTONE.COM) FOR MORE INFORMATION

## Weathered Edge



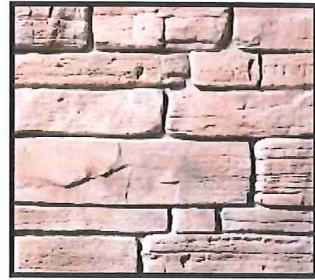
Fon-Du-Lac  
S5100-8



Sun Prairie  
S5110-8



Kodiak  
S5120-0



Pepin  
S5125-5



Kenosha  
S5130-5



Trenton  
S5135-7



Bristol  
S5140-7

## Western Ledge Stak

GROUTLESS PATTERN



Appaloosa  
S4900-2



Belgian  
S4930-5



Mustang  
S4920-3



Lasino  
S4925-5



Moroccan  
S4910-3



Morgan  
S4935-7

GO TO [WWW.BOULDERCREEKSTONE.COM](http://WWW.BOULDERCREEKSTONE.COM) FOR MORE INFORMATION



# SA Series Sunshade

## STANDARD CONSTRUCTION

- Material: Extruded Aluminum 6063-T6 and/or 6061-T6
- Fascia: Round Tube, .125" (3.2mm) nominal wall thickness
- Blades: Airfoil Blades (various sizes) , minimum .081" (2.1mm) nominal wall thickness
- Outriggers: Flat Bar, .25" (6.4mm) or .375" (9.5mm) nominal wall thickness
- Mounting Brackets: Extruded Aluminum Tee
- Finish: Mill

## OPTIONAL ACCESSORIES

- Aluminum suspension rods
- Segmented or radius formed components
- All sizes are custom fabricated to meet project requirements
- Tube or Channel Outriggers

## FINISHES

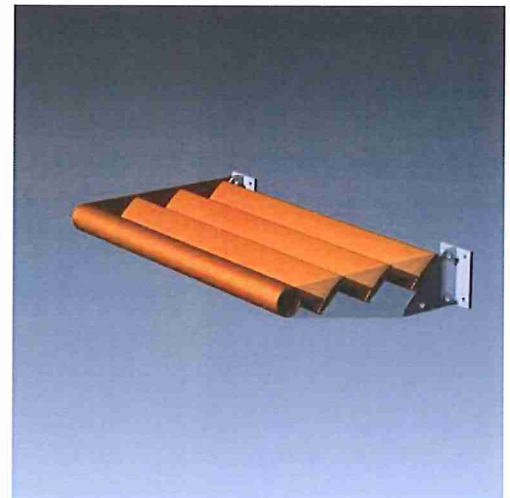
- 2 coat fluoropolymer: Kynar® 500 / custom colors available in 70% PVDF (AAMA 2605). Living Building Challenge (LBC) Red List Free.
- 3 coat fluoropolymer: Kynar 500 / Hylar 5000 custom colors available in 70% PVDF (AAMA 2605). LBC Red List Free.
- Anodic finishes: Class I & Class II in Clear, Light/Medium/Dark Bronze, Champagne & Black.
- Prime coat
- Mill

## SUGGESTED SPECIFICATIONS

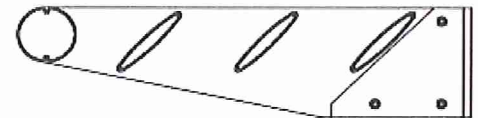
**General:** Furnish and install where indicated on drawings SA Series Sunshade as manufactured by Industrial Louvers, Inc., Delano, MN.

**Material:** Blades to be fabricated from 6063-T6 extruded aluminum airfoil blades, minimum wall thickness .081". Fascia shall be fabricated from .125" extruded aluminum tubes. Outriggers shall be fabricated from extruded aluminum flat bar, minimum wall thickness of .25". Suspension rods (as required) shall be 3/4" diameter aluminum rod. Mounting brackets shipped loose.

Sunshades shall be installed in accordance with manufacturer's recommended attachment method and in accordance with state and federal building codes.



Typical Assembly



Horizontal Section

Qty.	Size:		M.O. <input type="checkbox"/>	Mullion Type	No. of Sections	Notes
	Width	Actual <input type="checkbox"/> Height				
<input type="checkbox"/>	Sill flashing:		Project:			
<input type="checkbox"/>	Screen:		Location:			
<input type="checkbox"/>	Finish:		Architect:			
	Color:		Representative:			
<input type="checkbox"/>	Other:		Date:	Job #:		

CATALOG NO. SA Series Rev: Feb 2015



www.industriallouvers.com  
 ilinfo@industriallouvers.com

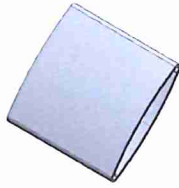
511 South 7th Street, Delano MN 55328  
 Tel: +1.763.972.2981 • Fax: +1.763.972.2911

# SA SERIES

## BLADE PROFILES



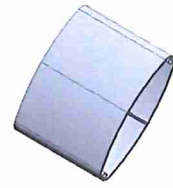
4" AIRFOIL



5.5" AIRFOIL



6" AIRFOIL



7" AIRFOIL



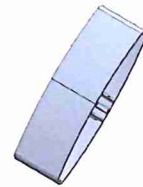
8" AIRFOIL



9.5" AIRFOIL



12" AIRFOIL



17" AIRFOIL

Custom shapes and sizes available

## FASCIA PROFILES



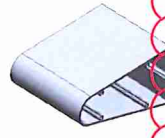
Round Tube



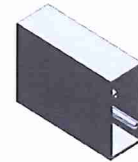
Bull-nose



Wedge



Large Wedge

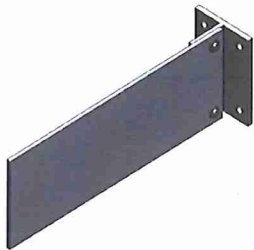


Rect. Tube

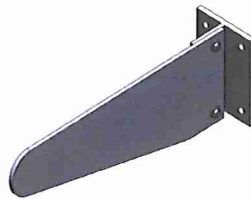
2" x 8"

Custom shapes and sizes available

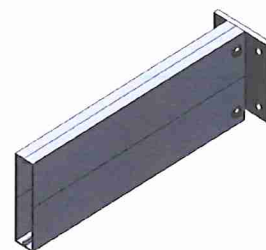
## OUTRIGGER OPTIONS



Straight Flat Bar



Tapered Flat Bar



Straight Tube

Custom shapes and sizes available



## Color Selections

Verta proudly uses the Sherwin-Williams® Fluropon® Pure line of coatings as its standard finish. This formulation is available in thousands of custom-matched colors. Most colors are achieved with a two-coat, single bake process. Some colors may require additional coats or processing. Please contact Verta for information about specific colors.

## About Sherwin-Williams® Fluropon Pure

SHERWIN-WILLIAMS.

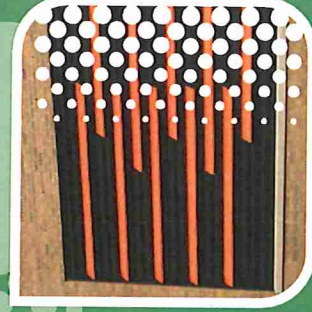
With significantly reduced hazardous materials, these coatings are formulated with material transparency and environmental impacts in mind. Fluropon Pure coatings offer opportunities to comply with material disclosure and optimization credits in LEED® V4 and comply with Red List Free requirements for Living Building Challenge projects. Verta is committed to sustainable practices on all the projects in which we participate, not just on those that require it.

## Fluropon Pure Specifications

- Meets or exceeds AAMA 2605, the highest standard available for organic coatings on architectural aluminum extrusions and panels and is reserved for products that require superior performance.
- Appropriate for building components designed for high-rise and monumental structures.
- Appropriate for projects located in areas with intense sunlight, extreme temperatures or high levels of atmospheric pollutants.
- Formulated without the use of PFOA, hexavalent chromium, cadmium, lead and phthalates.

**VERTA, INC.**  
511 S. 7th Street • Delano, MN 55328  
+1 763-972-7030 • [info@vertafinishing.com](mailto:info@vertafinishing.com)  
[vertafinishing.com](http://vertafinishing.com)

© 2020 Verta, Inc. All rights reserved.



Standard  
Polyvinylidene  
Fluoride (PVDF)  
Coating Colors

[vertafinishing.com](http://vertafinishing.com)



# Standard Polyvinylidene Fluoride (PVDF) Coating Colors

## Solid Colors

MATTE BLACK 398A1937FP	EXTRA DARK BRONZE 397B1820FP	MANSARD BROWN 397C0247FP	HARTFORD GREEN 395C196FP	AWARD BLUE 396B766FP
CHARCOAL 392B651FP	STATUARY BRONZE 397F262FP	BRANDYWINE 394A735FP	EVERGREEN 395C903FP	ELECTRIC BLUE 396B1088FP
FASHION GRAY 392A849FP	DARK BRONZE 397B791FP	COLONIAL RED 394A946FP	INTERSTATE GREEN 395F081FP	REX BLUE 396B502FP
CITYSCAPE 392B869FP	SEAL BROWN 397B036FP	BRICK RED 394F146FP	DARK IVY 395C1508FP	SKY BLUE 396B5712FP
STONE WHITE 391A454FP	GRAYISH 392B4031FP	TILE RED 394A572FP	MINT GREEN 395B880FP	TEAL 395A832FP
BONE WHITE 391B803FP	SIERRA TAN 393B437FP	BEIGE 393F061FP	PATINA GREEN 395C1321FP	HEMLOCK GREEN 395C1968FP
BRIGHT WHITE 391B9513FP	SEAWOLF BEIGE 397F199FP	SANDSTONE 393X321FP	ALMOND 397B117FP	ORIENTAL IVORY 393A361FP

## Mica/Metallic Colors\*

DARK BRONZE MICA 399C8157FP	HARVEST GOLD 399C8787FP	COSMIC GRAY 399C9126FP	WEST PEWTER MICA 399C9753FP	BRIGHT SILVER 399X440FP
MEDIUM BRONZE 399D0427FP	APPLE FIZIE 399B812FP	GRAY VELVET 399D0508FP	SILVER 399B8697FP	PLATINUM 399C7551FP
DRIFTWOOD 399C9411FP	CHAMPAGNE METALLIC 399C711FP	MEDIUM GRAY 399D7582FP	SILVERSMITH 399D0502FP	SUNLIGHT SILVER 399D0280FP
VANCOUVER COPPER 399C9350FP	CHAMPAGNE PEARL 399C245FP	PEWTER 399C1180FP	SILVER METALLIC 399C8897FP	ANODIC CLEAR 399C210FP



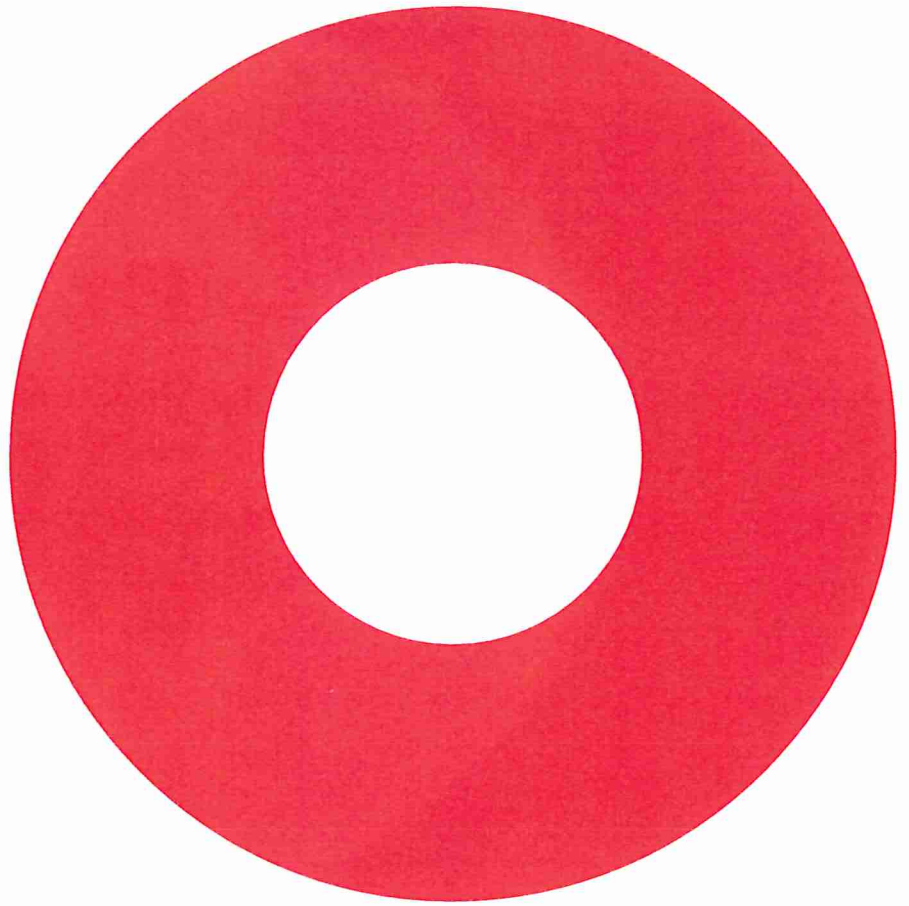
COPPER  
399C503FP

\*Mica/Metallic Colors: Most colors are achieved with a standard two-coat, single bake process. Some colors may require additional coats or processing.

## Vibrant Colors\*\*

\*\*Vibrant Colors: Colors shown are eligible for our full 20-year warranty. Some vibrant and exotic colors carry a warranty for adhesion only.

GALACTIC DARKNESS SL6A258FP	EGGPLANT SL6A1169FP	NEON ORANGE 384A3437FP	BRIGHT RED SL4A625FP
YELLOW 393B4927FP			



**THERMORY**<sup>®</sup>  
LEAVE A LASTING IMPACT

2021

# Our process sets the bar and challenges the industry to try to keep up.

One of our thermal modification chambers located in our Estonia factory.



## Owning Our Technology

Our proprietary process uses advanced technology and 20,000 square foot chambers to yield consistent, superior results in every batch.



## Masterminding The Process

Our wood scientists control our modification process and tirelessly pursue perfection in every board. From temperature to fan speed, each batch is tailored to optimize results.



## Creating Superior Products

Our wood scientists and proven process come together to create products that change the landscape of the wood industry - products that offer valuable solutions to the problems you face.

## Rot Resistant

Each board is naturally enhanced for significantly reduced moisture absorbency.

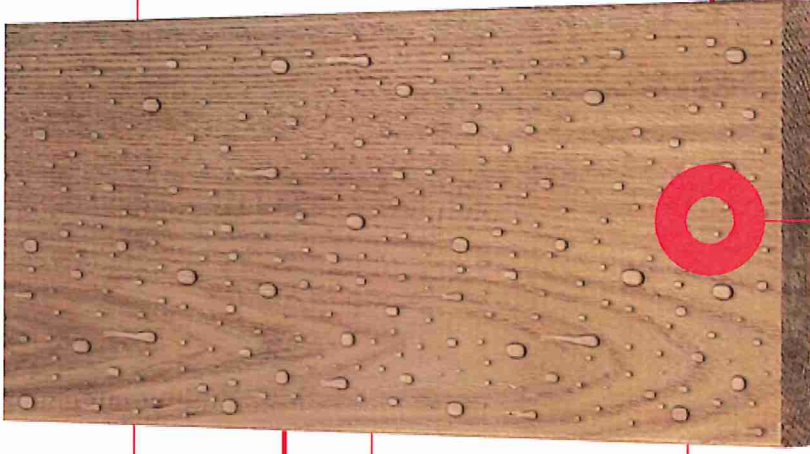
## Exceptional Durability

Rot resistance that few products, exotic or engineered, come close to equalling.



## Smooth-Kissed Milling

Each board is smooth, straight and reliable. Touch it, feel it, love it.



## Thermory Takes Testing Seriously

Our products are consistently proven through third-party test results.



ROT RESISTANCE



STABILITY



FIRE



STRENGTH



TERMITE

## Complete modification of every fiber.

Our process modifies each board completely, all the way through the core, leading to unequalled durability and stability. At Thermory, we leave no fiber unaltered.

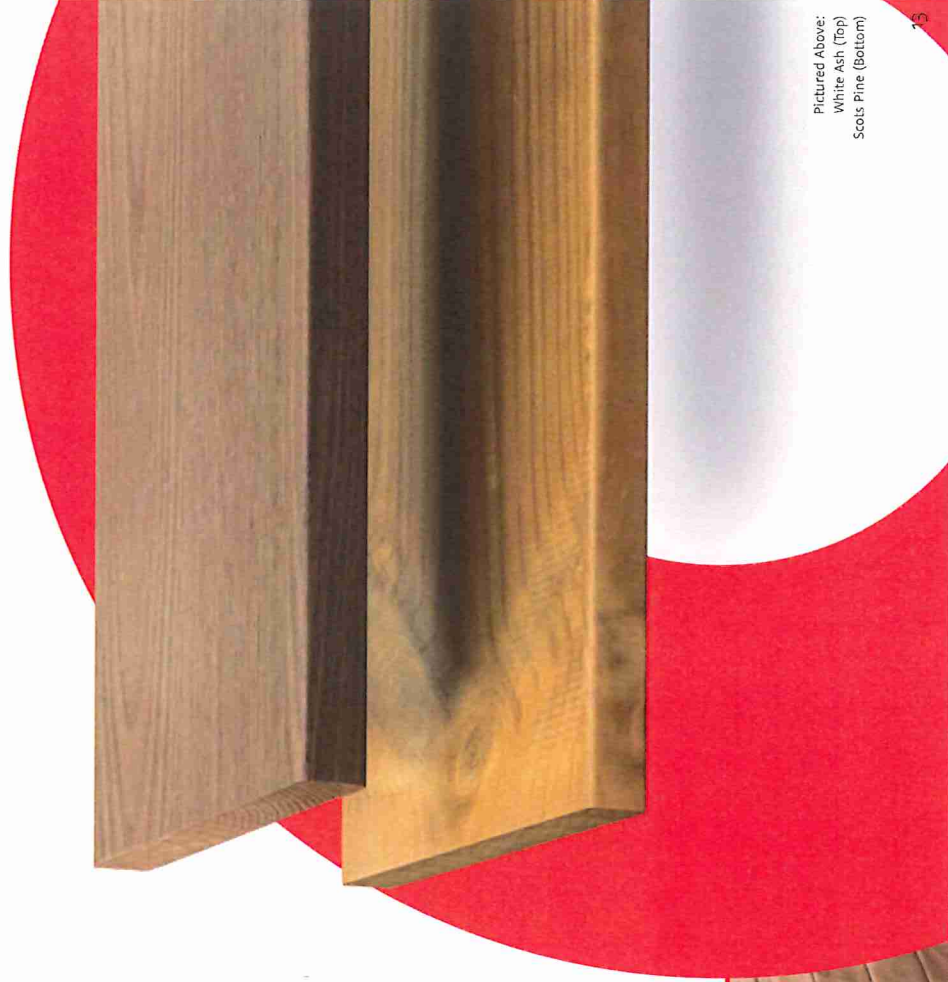
## Our Benchmark Series

# Beautifully Simple, Remarkably Durable

You know that you shouldn't have to choose between a stunning aesthetic and reliable performance. Between real wood and durability. Between sustainability and workability. You deserve a material that checks all the boxes, including a couple you didn't know could be checked.

We created the Benchmark Series because it's the beautiful, natural wood product you deserve. The product that doesn't force you to settle or compromise. Benchmark is for those who demand more.

**This is the Benchmark Series.  
The bar has been raised.**



Pictured Above:  
White Ash (Top)  
Scots Pine (Bottom)



THERMALLY MODIFIED

## White Ash

White Ash (hardwood) sourced in North America & Europe offers a knot-free rich, classic color.



APPLICATIONS

- ▶ DECKING
- ▶ CLADDING
- ▶ PORCH FLOORING

COLOR EVOLUTION

- ▶ Exotic Brown color naturally silvers over time.
- ▶ Aging time varies based on application and climate.
- ▶ Color can be retained by treating with Thermory-recommended oil as-needed.

ASH VS. TROPICAL WOOD

Our thermally modified ash is comparable to tropical wood in aesthetic and durability. But in a head-to-head matchup, Thermory comes out on top.

	Benchmark WHITE ASH	TROPICAL WOOD	SYNTHETIC*
DURABLE	✓	✓	✓
REAL WOOD	✓	✓	✗
COLOR REJUVENATION	✓	✗	✗
CONSISTENT COLOR	✓	✗	✓
ROT RESISTANT 25+ YEARS	✓	✗	✓
DIMENSIONALLY STABLE	✓	✗	✗
EASY TO INSTALL	✓	✗	✓
LIGHTWEIGHT	✓	✗	✗
NON-TOXIC DUST	✓	✗	✗
JEM JOINT	✓	✗	✗
EARTH-FRIENDLY	✓	✗	✗

\*Synthetic wood includes composite and PVC.

THERMALLY MODIFIED

## Scots Pine

Scots Pine (softwood) sourced in Scandinavia offers a naturally light color, distinctive knots, and no visible sapwood.



APPLICATIONS

- ▶ DECKING
- ▶ CLADDING

COLOR EVOLUTION

- ▶ Golden Brown color naturally silvers over time.
- ▶ Aging time varies based on application and climate.
- ▶ Color can be retained by treating with Thermory-recommended oil as-needed.

SCOTS PINE VS. CEDAR

Our thermally modified pine is comparable to cedar in color and durability. But in a head-to-head matchup, Thermory comes out on top.

	Benchmark SCOTS PINE	CEDAR	SYNTHETIC*
DURABLE	✓	✓	✓
REAL WOOD	✓	✓	✗
COLOR REJUVENATION	✓	✗	✗
CONSISTENT COLOR	✓	✗	✓
ROT RESISTANT 20+ YEARS	✓	✗	✓
DIMENSIONALLY STABLE	✓	✗	✗
EASY TO INSTALL	✓	✗	✓
LIGHTWEIGHT	✓	✓	✗
NON-TOXIC DUST	✓	✓	✗
STRONG LENGTH STRUCTURE	✓	✗	✗
EARTH-FRIENDLY	✓	✓	✗

\*Synthetic wood includes composite and PVC.



# Maintenance

## Maintaining Your Thermory Project

How do you keep your Thermory project looking and performing its best for decades? Well, that depends on the look you want. Like all real wood, Thermory boards will age and grey over time unless you apply something to delay the process. So the first step is to decide if you'd like to maintain the original brown color, or allow your boards to age naturally.



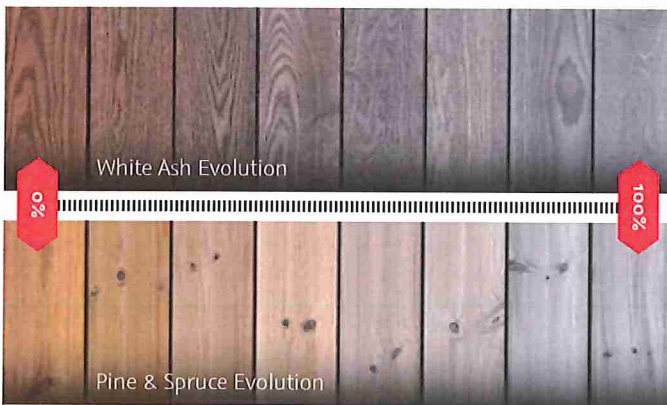
### ► NATURAL BROWN

The natural result of our modification process is a rich brown color. Maintaining this color on an exterior application requires more time and effort.



### ► SILVER

Over time, wood will age to a stunning silver. Allowing your wood to age naturally requires very little maintenance.



### ► THE NATURAL COLOR EVOLUTION

While the brown color is the natural result of our thermal modification process, the silver is a result of wood's natural aging process through exposure to the elements. UV light and rain both accelerate the aging process - the amount of exposure influences how quickly your project will age. With direct exposure to sunlight, your project may age to silver in as little as 6 months. To maintain the original color outdoors, boards must be treated with a penetrating protective oil.

WHETHER YOU CHOOSE TO KEEP THE BROWN OR LET IT SILVER, YOUR THERMORY WOOD WILL MAINTAIN ITS CORE QUALITIES:



**ROT RESISTANCE**  
20-25+ years of rot resistance



**STABILITY**  
Reduced absorbency



**TERMITE**  
No bugs allowed



**SUSTAINABLE**  
Responsibly harvested and chemical-free



**SMOOTH-KISSED MILLING**  
You'll have to touch it to believe it

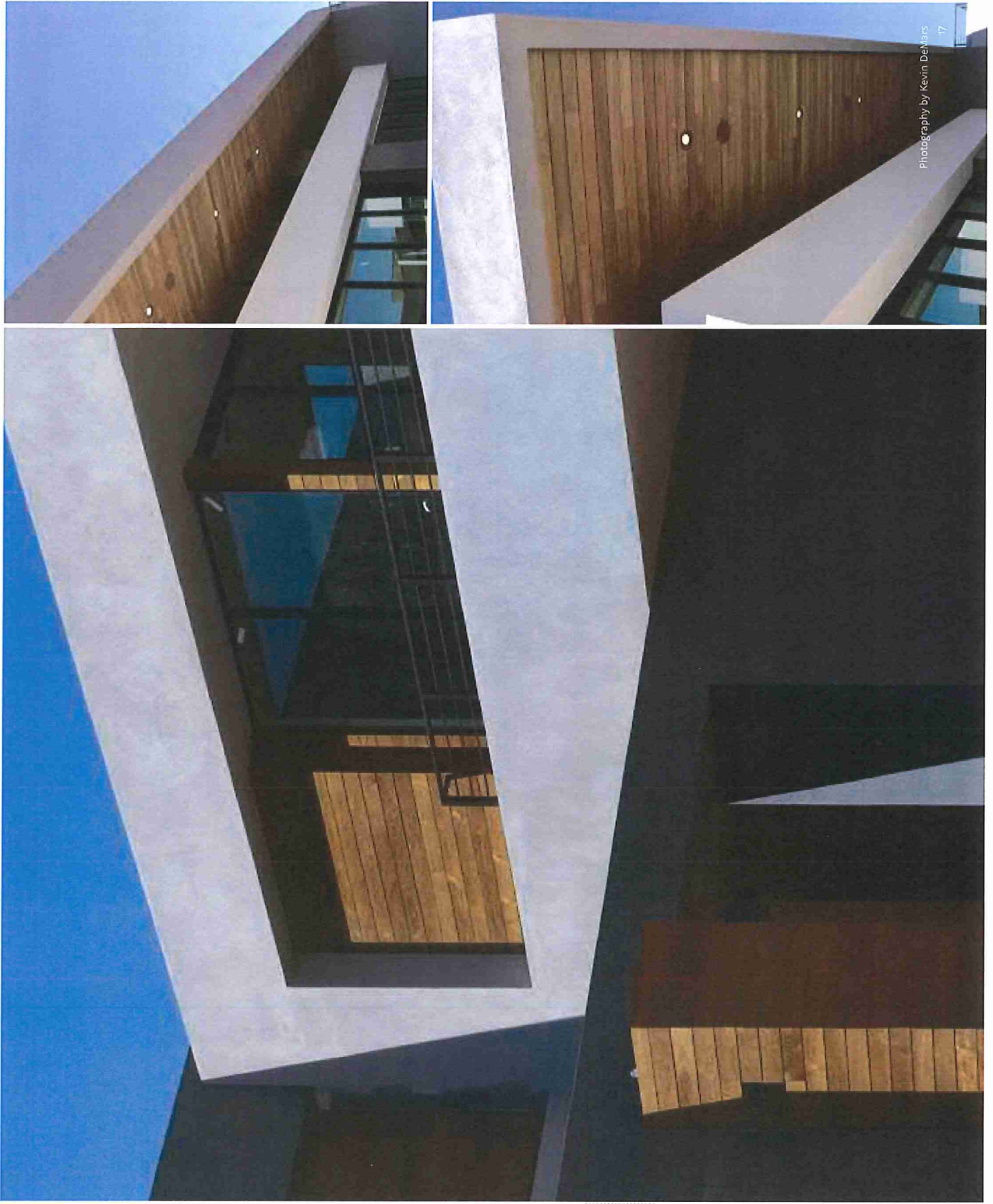
► GET THE SPECIFICS ON MAINTENANCE & CARE AT:  
[THERMORYUSA.COM/MAINTENANCE](http://THERMORYUSA.COM/MAINTENANCE)

**THERMORY®**  
LEAVE A LASTING IMPACT

 Private House  
Las Vegas, NV

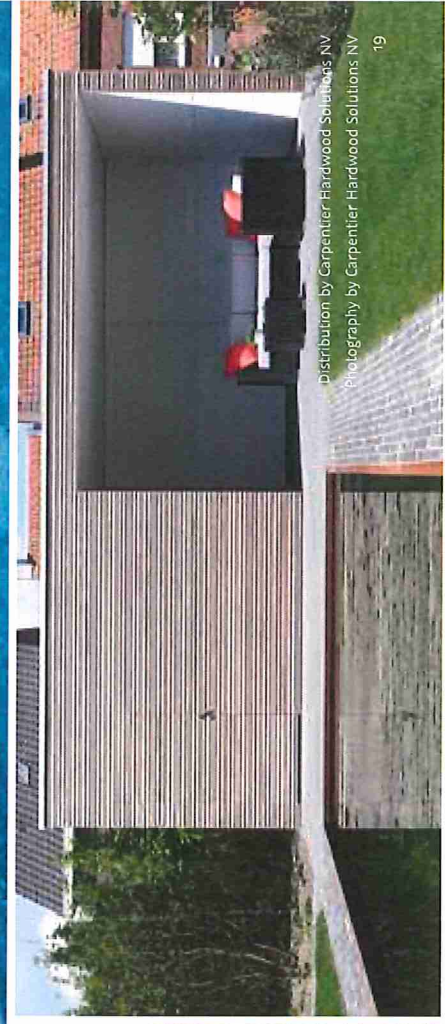
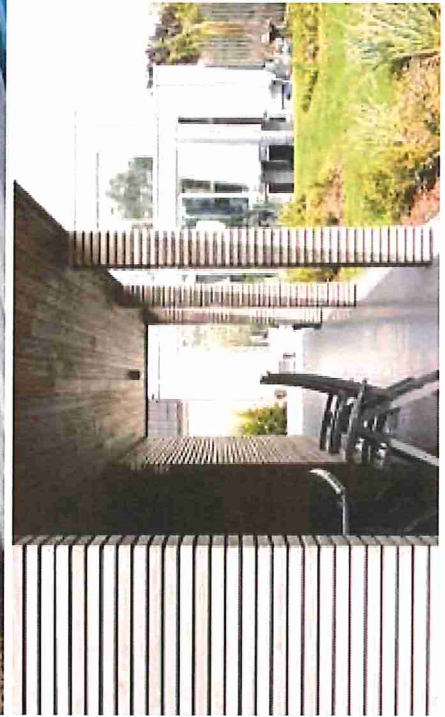
**SPECIFICATIONS**

Species: White Ash  
Products: Cladding  
Designer: Blue Heron



**SPECIFICATIONS**

Species: White Ash  
Products: PaCS Cladding

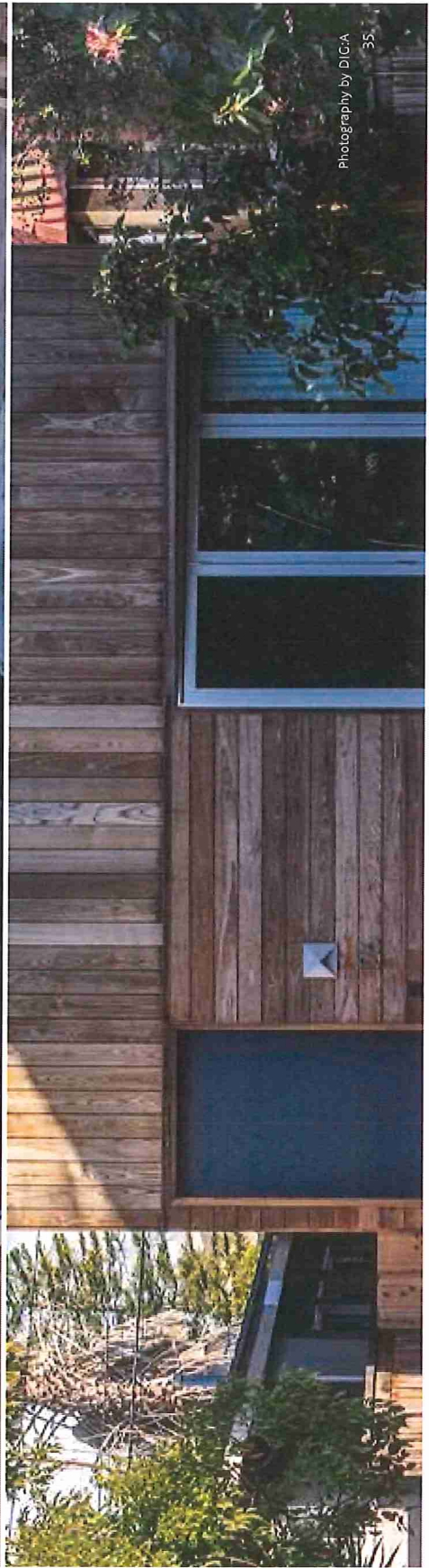


Distribution by Carpenter Hardwood Solutions NV  
Photography by Carpenter Hardwood Solutions NV

Private House  
Seal Beach, CA

**SPECIFICATIONS**

Species: White Ash  
Products: PaCS Cladding  
Designer: DIG:A



Photography by DIG:A  
35