

## CORDOVA CREAM AND SHELL LIMESTONE NATURALLY



## Sustainable | Smart | Stunning

www.continentalcutstone.com



## Cordova Cream and Shell Quarry Operations Awarded GOLD Sustainable Certification ANSI/NSI 373

Natural stone has an inherently low embodied energy.

Nature has done most of the manufacturing for us.

Proven durability over the centuries.

The natural stone industry is committed to defining and lowering impacts, being socially responsible, and developing the transparency documentation that design teams need to fully understand and quantify our low environmental footprint.

Further, through the NSF's 3rd-party verification, we are now certified to compliance standard's metrics, which include human health and safety, best practices for land management, and adaptive reuse to name a few.

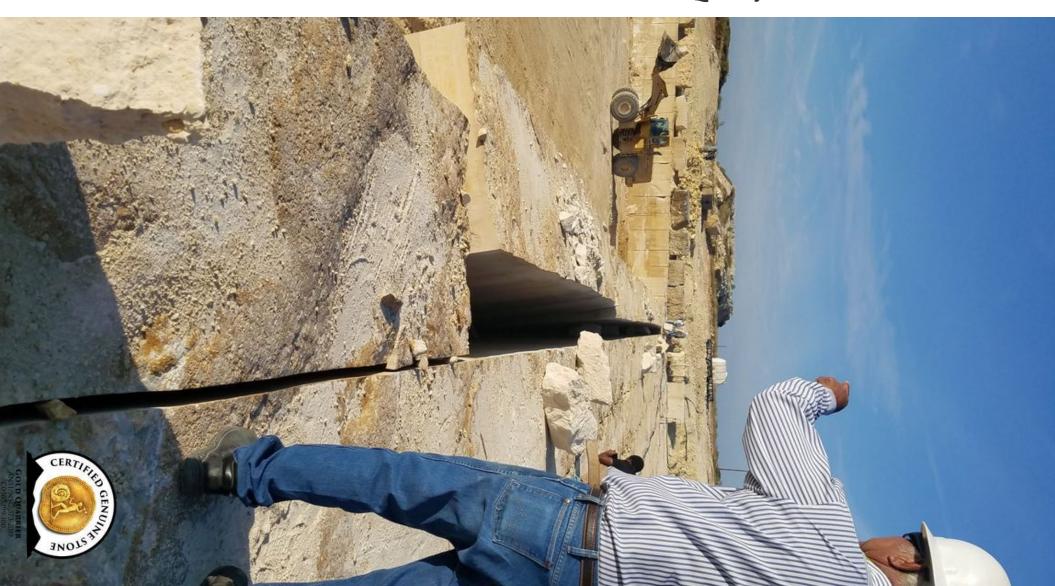






## **CORDOVA CREAM AND SHELL**

This is what a Certified Sustainable Limestone Quarry Looks like!



## **Corporate Social Responsibility**

Social responsibility through workplace regulations and employee/community programs.

Cortification Poquirements

**Certification Requirements** 

Prohibitions on Forced Labor
Prohibitions on Child Labor
Prevention of Discrimination
Employee Participation
Social Accountability

CCS is a responsible member of the Liberty Hill and Florence communities. All our workers are paid a fair wage and given extensive benefits. Our turnover of personnel is very low and employees often stay for decades.

Health and safety regulations are rigorously followed and all employees are trained under a detailed Mine Health and Safety Administration (MSHA) course of study with annual updates required. Personal protective equipment including ear, eye and toe protection is mandatory and both CCS and CCQ have admirable safety records.

Continental also contributes to nonprofits in the community, giving both money and stone to local Charities.







## Sustainable Water Practices

\*Continental Cut Stone Corporate Sustainability Report documents Energy, Water, Site Management, Land Reclamation and Social Responsibility to name a few.

At the Quarry, most of the water used in our operations is rainwater or snow melt that we collect on-site.

After use for block production and limited dust control, we recover over 90% of this water for re-use in the quarry.

At the Mill, we recycle every gallon of water about 30x before we replace it – we are very

careful with this resource.

### **Cream and Shell Limestone**

Color: light cream with gentle swirls or stripes caused by mineral deposits, Cordova is Calcium Carbonate from skeletal remains of sea life.

Extracted Block Typical Sizes

Height: 4'- 5' Width: 2'-5' Length: 7'-9'







### "When Texas Was Under Water"

When Texas Was at the Bottom of the Sea A hike to the "top of Texas," the world's most famous fossil reef, leads to a new sense of the sublime... written by

## \*\*Olivia Judson, Smithsonion Magazine Article dated Jan 2015\*\*

"The rock beneath me, which looks almost white in the glare of the sun, is full of fossils. Zillions of them. Back when these life-forms were alive—265 million years ago or so—the Guadalupe Mountains were underwater, part of a flourishing reef that once stretched about 400 miles around the edge of a long-vanished sea."

### **Cream and Shell Limestone**

Color: light cream with gentle swirls or stripes caused by mineral deposits, Cordova is mainly Calcium Carbonate from skeletal remains from the sea.

Extracted Block Typical Sizes

Height: 4' - 5' Width: 3' - 5' Length: 7' - 9'

When designing with limestone, there may be modifications needed. Please consult with our office for accuracy and any limitations of the raw block.







## Block Extraction- Cordova Cream and Shell Limestone

### **Block Production**

Continental Cut Stone is committed to operating in a social and environmentally responsible and sustainable manner, prioritizing reduced energy consumption during the extraction process. This commitment extends to minimizing environmental footprint, fostering respect in all interactions with workers, vendors, customers, and neighbors. Certification to the ANSI/NSI 373 Sustainable Production of Natural Dimension Stone serves as both a benchmark and a continuous improvement framework, allowing them to strive for excellence in these endeavors







## Maximize Yield - Cordova Cream and Shell Limestone

**Raw Block - Squaring off the corners** 







## **Cordova Cream Slabs**





Cordova Cream "tiger striping" varies in direction and intensity. These 3'-4' slab examples demonstrate a few of the variations. Due to the shell and cream in the same block (see page 6), inclusions can be found in some slabs.



Cream Slab with pockets of shell



Cream Slab with even tone striping





## WALL CLADDING & VENEER

The Many faces of Natural Stone





## **Cost & Size Considerations**

Panel Size - 1 sq. ft or larger save ~30%

Shop drawings - number of tickets – number of different or unique sizes

Delivery costs

Type of finish – standard finish sawn additional labor for surfacing - honed, chatted, bush hammer, etc.

Thickness:

2" thickness with the largest sized panel – 2' x 4'

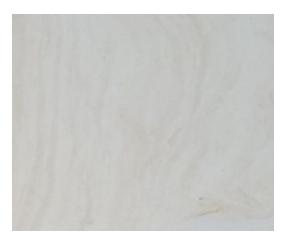
3" thickness with the largest sized panel – 3' x 6'

4" thickness with the largest sized panel - 4' x 7'

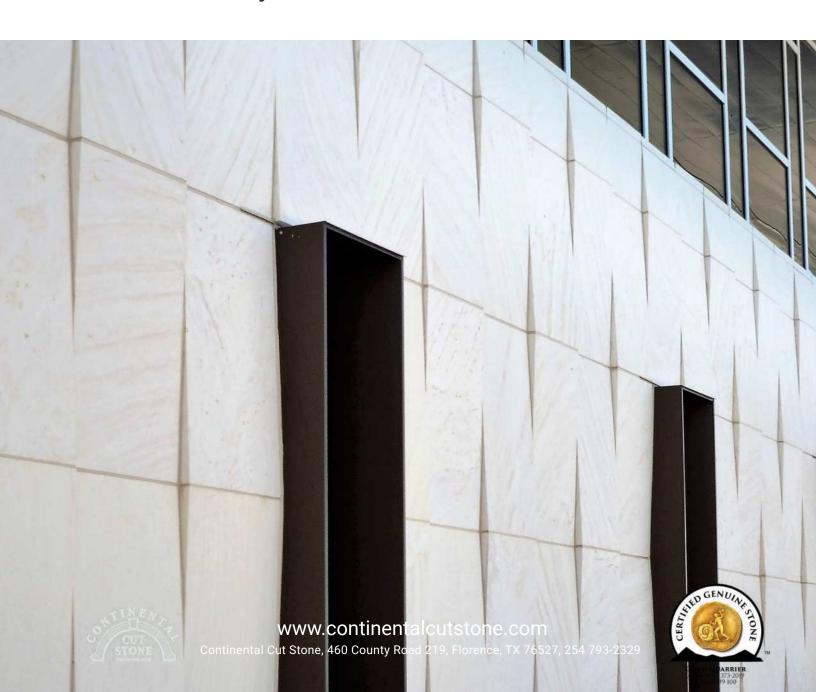




## **Cordova Cream Smooth**



Like what you see? Learn more click here



## **Cordova Cream Exterior Wall**



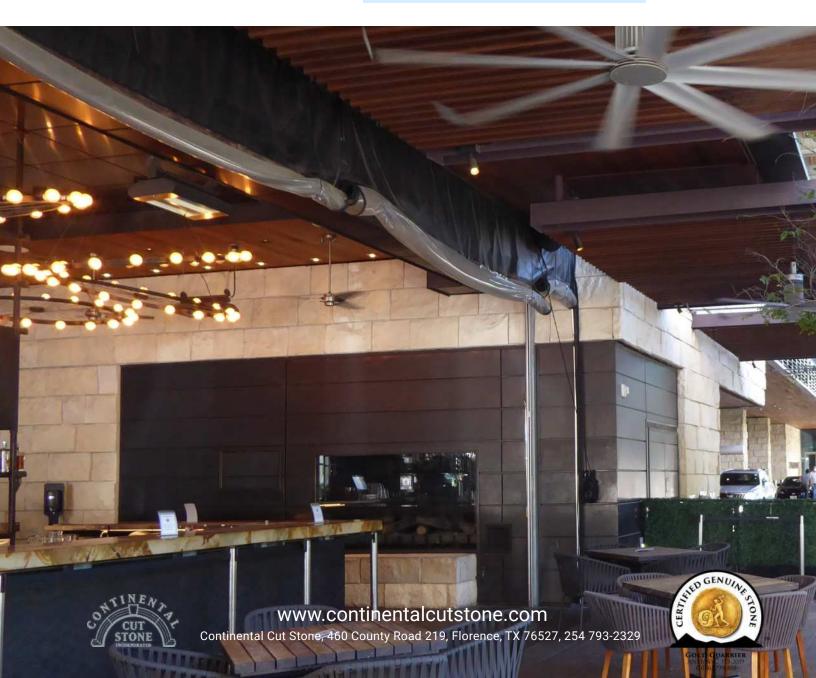
Like what you see? Learn more click here



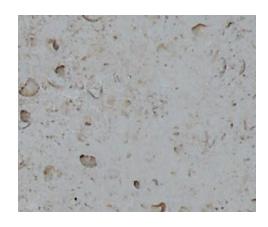
## **Cordova Cream Splitface**

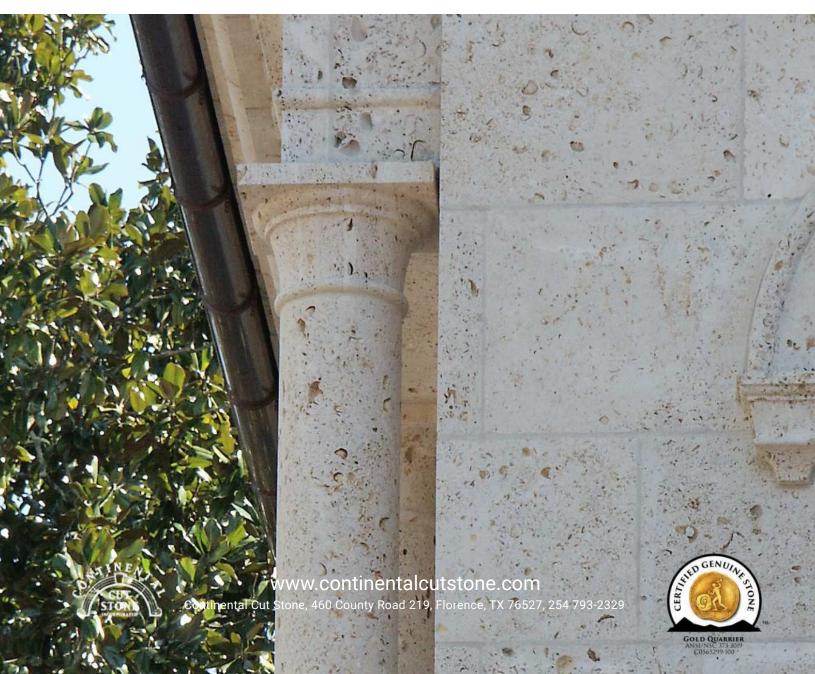


Like what you see? Learn more click here



## Cordova Shell Exterior column and wall



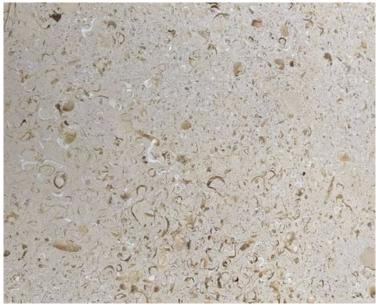


## Cordova Shell Slabs



Cordova Shell Inclusions vary in direction and intensity. These 3'-4' slab examples demonstrate a few of the variations.









## **Cordova Cream Exterior Features**



Like what you see? Learn more click here



# ARCHITECTURAL ELEMENT FABRICATION

The Many faces of Natural Stone







## **Cordova Cream and Shell Production Architectural Elements**

Advances in Technology with CNC (Computerized numeric Controller) The CNC controller evolved in parallel with the computer, driving more and more productivity and automation into manufacturing processes, especially machining. We combine technology with old world craftsmanship.









## Cordova Cream and Shell Production Architectural Elements

With combined technology and old-world craftsmanship, we have in-house drafters. We start with your design, complete shop drawings and submit for your approval. Tickets are sent to production followed by weekly production meetings to stay on track.

Does your design require custom cuts or designs to produce a radius? We can do that! For modifications, please consult with our office for accuracy and any limitations of the raw block.





# CONTINENTAL CREAM QUARRIES

# CORDOVA CREAM AND CORDOVA SHELL LIMESTONE SPECIFICATIONS



GOLD QUARRIER ANSI/NSC 373-2019 C0565299-100



### PART I - GENERAL

#### PART 1 - GENERAL

## LIBERTY HILL TX

1.01 SECTION INCLUDES

Limestone masonry veneer units and Custom Cut profiles

1.02 REFERENCE STANDARDS FOR LIMESTONE

ASTM C568 - Standard Specification for Limestone Dimension Stone

### **PART 2 PRODUCTS**

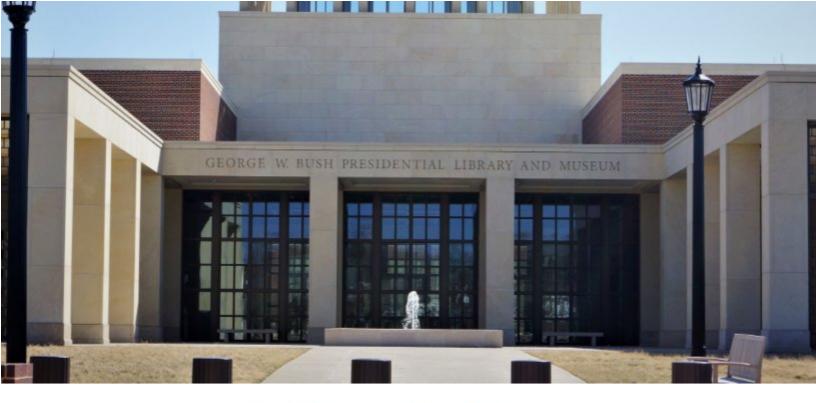
### 1.03 MANUFACTURER

Continental Cream Quarries- A qualified stone quarrier that participates in the Sustainable Stone Certification Program and is certified to the ANSI/NSI 373 Sustainable Production of Natural Dimension Stone Standard by the NSF.

- 1. Address: 460 County Road 219, Florence, Texas
- 2. P.O. Box 37
- 3. Phone: 254-793-2329
- 4. Fax: 254-793-2358
- Website: www.continentalcutstone.com
- Contact: Katherine Teel

Provide limestone for entire project from one quarry: Continental Cream Quarries LLC - Liberty Hill, TX





### PART I - GENERAL

## LIBERTY HILL TX

### 1.04 LIMESTONE MATERIALS

Limestone: Complies with ASTM C568, Type I (Low Density) Classification.

Variety: Cordova Cream and Cordova Shell Limestone.

#### Cordova Cream

- 1. Variety: Cordova Cream
- 2. Absorption: 8.36% maximum percentage; ASTM C97.
- 3. Density: 131.50 lbs/cu ft
- 4. Compressive Strength: 3224 psi. minimum; ASTM C170
- 5. Modulus of Rupture: 1041 psi, minimum; ASTM C99
- 6. Specific Gravity 2.08

#### Cordova Shell

- Variety: Cordova Shell
- 2. Absorption: 8.55% maximum percentage; ASTM C97
- 3. Density: 130.22 lbs/cu ft
- 4. Compressive Strength: 2106 psi. minimum; ASTM C170
- 5. Modulus of Rupture Dry: 542 psi. minimum ASTM C99
- 6. Specific Gravity 1.92



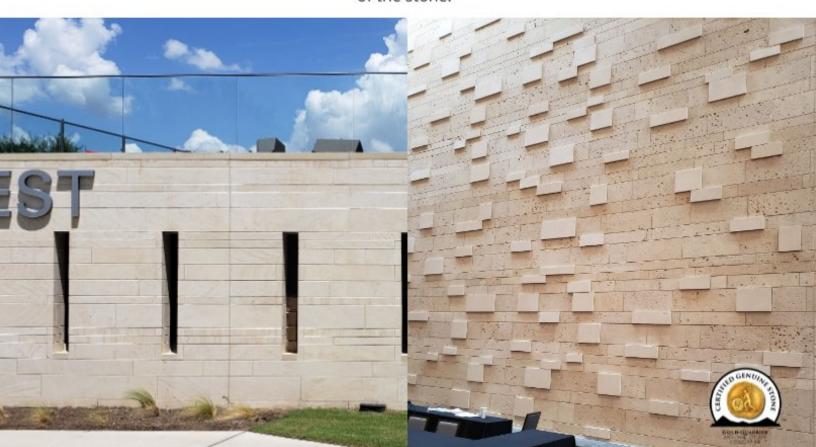
# FINISH COLOR PROFILE HEIGHT LENGTH THICKNESS

## **PRODUCT TYPES**

### Type Cordova Cream and Cordova Shell Custom Cut Limestone:

- 1. Finish: Smooth, Chatted, Bush Hammered, Brushed, Micro fluted as specified by Architect and as approved by fabricator/supplier
- 2. Color: Cream with some trace mineral veining; Shell is cream with small to large shell inclusions
- 3. Profiles: As specified by Architect and approved by fabricator/ supplier
- 4. Height: As specified by Architect and in accordance with limestone block dimension parameters
- 5. Thickness: As specified by Architect
- 6. Length: As specified by Architect

Exhibit: Please Note: due to the variety of sizes, shapes, and color range the image is intended as an example only. It is not an exact representation of the stone.



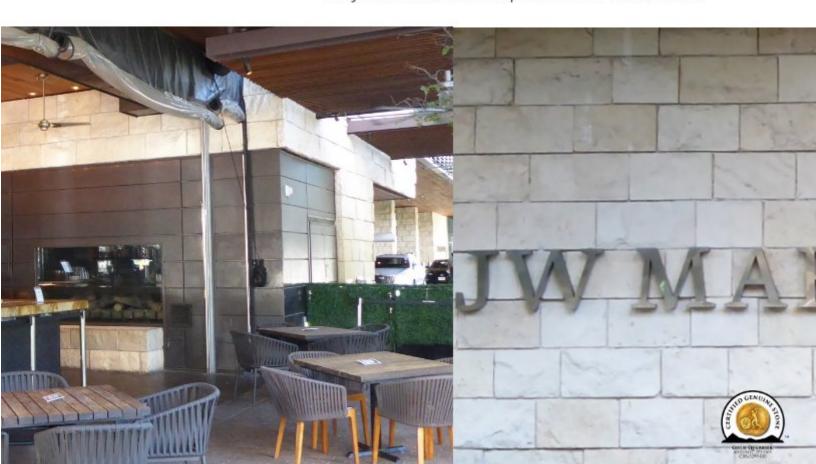
# FINISH COLOR HEIGHT LENGTH THICKNESS

## **PRODUCT TYPES**

### Type Cordova Cream or Cordova Shell Splitface Limestone

- Finish: Splitface with split backs, sawn top and bottom, (snapped ends) or (sawn ends) as specified by Architect:
- 2. Color: Cream
- 3. Height: 4"- 12" nominal heights as specified by Architect.
- 4. Thickness: 3"-5" nominal or 1 ¼" nominal thin veneer
- 5. Length: Random lengths or specified by Architect up to 24"- 30"

Exhibit: Please Note: due to the variety of sizes, shapes, and color range the image is intended as an example only. It is not an exact representation of the stone.



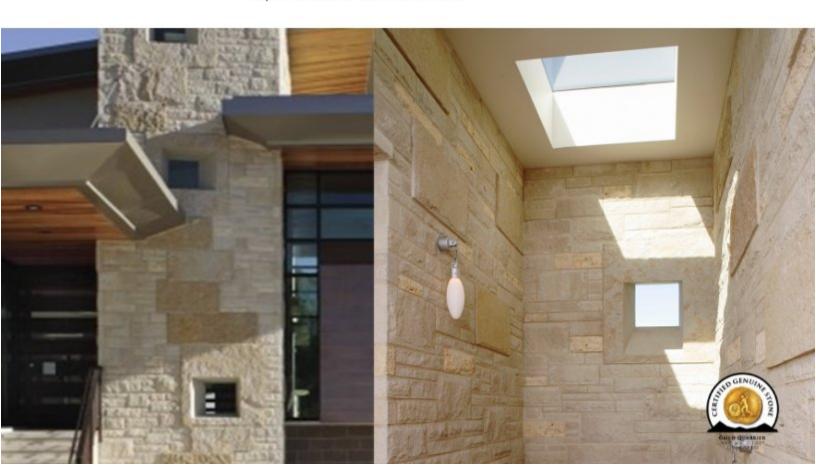
## **PRODUCT TYPES**

### Type Lueders and Cordova Cream and Cordova Shell Limestone Blend

FINISH
COLOR
HEIGHT
LENGTH
THICKNESS

- 1. Finish: Lueders Splitface, Lueders Roughback, Cordova Cream and Shell custom blend. with split or sawn backs as determined by fabricator/supplier, sawn top and bottom, (snapped random lengths) or (sawn random/dimensional lengths) as specified by architect. With 40% Rough back with split and/or sawn backs as determined by the Fabricator.
- 2. Color: Full Color Blend
- 3. Height: 4"-12" nominal as specified by Design Team.
- 4. Thickness: 3"- 5" nominal or 1 ¼" nominal thin veneer
- 5. Length: Random lengths 12" to 30" (snapped or sawn as specified) or dimensional up to 30"

Exhibit: Please Note: due to the variety of sizes, shapes, and color range the image is intended as an example only. It is not an exact representation of the stone.



## PERFORMANCE

### 1.06 PERFORMANCE REQUIREMENTS:

Physical Properties: Provide limestone with physical properties that meet or exceed values per ASTM C568 for Class I Low Density Limestone

Please Note: Natural Stone is building material preferred for its Sustainability, Potential LEED points and is Stunning.

It is a product of nature. A natural product is subject to variations in color, texture and chemical content. Because of these characteristics complete uniformity cannot be assured.



Contact name

Phone 254 793-2329

Katherine Teel





### LET'S GET STARTED

Call 254 793-2329 or email us: info@continentalcutstone.com

Our team is experienced in all aspects of preconstruction stone design. We work with Architects, Contractors and Owners to establish budgets even before the stone contract has been awarded.

- Estimating Take the guess work out of your budget. We have the experience to create quality take-offs from architectural drawings to help estimate the stone costs.
- Stone Application and Design The right application with the right material to achieve the desired look.
- Quality Assurance and Control Continental
   Cut Stone has its own fabrication mill and
   limestone quarry sources for Cordova Cream,
   Shell Stone and Lueders Limestone adding to
   efficiencies in production and cost effectiveness to
   the bottom line.

www.continentalcutstone.com