

ELDORADO STONE®

GEMSTONE™ *VinoWall*™



THE MOST BELIEVABLE ARCHITECTURAL STONE VENEER IN THE WORLD™

# GETTING STARTED



before



## *Suggested Locations*

- DINING ROOMS
- KITCHENS
- ACCENT WALLS
- WINE CELLARS

The stone. The amber hills bejeweled with cypress. The scent of ripening olives and grapes. The distant echoes of the Renaissance. Tuscany speaks to you.

For more than 30 years, the artisans at Eldorado Stone have been working to capture the essence of Tuscan architecture. By incorporating our new Cypress Ridge, Hillstone, FieldLedge, Country Rubble and Brick collections, your home

will be embraced with the warmth of this legendary Tuscan style.

The VinoWall from Eldorado Stone presents the perfect pairing of wine and stone. Create this captivating Gemstone™ Wall in your kitchen, dining room or perhaps your own private wine cellar. Each Gemstone Wall has been carefully crafted to create an authentic masonry stone wall that is attainable, purposeful and most of all believable.

## Before You Begin

Please review our complete installation instructions at [www.eldoradostone.com](http://www.eldoradostone.com) before beginning this Gemstone Wall. The following installation tips are designed to add additional detail and understanding on how to accomplish these unique installations.

## SELECT LOCATION AND DETERMINE WINE STORAGE NEEDED

Establish the area to be covered with stone and determine the desired wine storage. Consider all elements needed depending on your space available and desired design.

New framing will be required to create the necessary depth of the wall because this Gemstone VinoWall accommodates wine storage, built in refrigeration and a serving area.

## SELECT THE ELDORADO STONE PROFILE AND COLOR DESIRED

In Italy it's common to see both stone and brick sharing the same space. The rustic brick profiles of Eldorado Stone are molded from century old buildings in Europe framing the VinoWall archways and wine storage.

Determining the Eldorado Stone and Brick profile, color and grout technique is important before you begin construction.

## Recommended Eldorado Stone and Brick for VinoWall

*The VinoWall showcased in this Idea Book uses Orchard Cypress Ridge and Canterbury ViaBrick. You may wish to use a different profile. The following profiles are also recommended. Please visit: [www.eldoradostone.com](http://www.eldoradostone.com) to view additional profile colors.*



Orchard  
**CYPRESS RIDGE™**



Canterbury  
**VIABRICK®**



Padova  
**FIELDLEDGE®**



Molano  
**HILLSTONE®**



Bracciano  
**ROMABRICK®**



Bella  
**COUNTRY RUBBLE™**



**ORCHARD** Cypress Ridge with a Standard grout technique. Though this representation illustrates a Standard technique, the installed profile for the VinoWall employs the Overgrout technique.



**VENETO** Fieldledge with an Overgrout Technique

## GROUT TECHNIQUES

The VinoWall is like a Tuscan-style project that employs a grout technique called: *Overgrout*. This technique tends to make the stonework appear rustic and aged. The grout overlaps the face of the stone which widens the grout joints making them very irregular.

Since this old-world technique connotes different things to different people make sure and have your mason prepare a mock-up before beginning any actual work. All of the recommended profiles for the VinoWall employ a Standard joint or Overgrout technique. The Dry-Stack grout technique is not recommended for this application.

## STANDARD JOINT

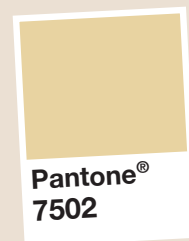
Each piece is laid 0.5" apart. A grout bag is used to fill joints with mortar and force grout into any voids. The joints are then struck back to expose the edges of each stone.

## OVERGROUT JOINT

Each piece is laid 0.5" apart. The grout should overlap the face of the veneer, widening the joints and making them very irregular.

*Eldorado Stone looks more attractive when you add color to a standard gray grout. The grout color used on the VinoWall matches (Pantone® Matching System) **PMS 7502**.*

*For more information on coloring grout see page 9.*



## STEP TWO

## Framing, Electrical and Sheathing



### VinoWall Dimensions in this Idea Book

**Overall dimensions from existing wall**  
*Finished depth 24" with Sheathing*

**Wine Storage Area:**

*Rough: 42" x 84" x 14" deep*

*Finished: 38" x 80" x 12" deep*

**Wine Serving Area:**

*Rough: 46" x 40" x 20" deep*

*Finished: 42" x 36" x 18" deep*

**Refrigeration Unit for Built-in**

*Consult manufacturers specifications*



*2 x 4 construction creates the needed depth*

### FRAMING

Framing will be required to create the desired depth that holds the wine storage racks, the built-in refrigeration unit, and to create the appearance of a natural stone wall. Standard 2 x 4 construction should frame the space with supports added where



*Locate supports where necessary*

necessary in the wine serving area, the wine storage and the archway over the door. Depending on which wine storage elements you specify for your VinoWall, rough dimensions may vary significantly and not require all of these recommendations.

## STEP TWO

## Framing, Electrical and Sheathing continued

### ELECTRICAL

- If built-in refrigeration unit is specified please consult with the appliance manufacturer for proper electrical and ventilation requirements.
- Accent lighting is recommended to highlight the serving bar and wine storage area if specified in your application. Please consult with a licensed electrician and follow all the electric codes and requirements in your area.

### SHEATHING

- Apply 0.5" ply-wood sheathing over wood stud framing.
- Install wood shelf (if desired) in wine serving niche.
- If you specify Eldorado Brick to frame the archway or built-in refrigeration unit, it will be necessary to add an additional 0.5" - 0.75" of plywood sheathing to compensate for the difference in thickness between brick and stone. Confirm the dimensions of your selected brick and stone profiles to determine the necessary thickness of the additional sheathing in these accent areas. This will ensure the stone veneer will return inside the brick surround, creating an authentic installation.



Plan for accent lighting to highlight key components of the Vino Wall.



The wood shelf in preparation for a wine serving niche.

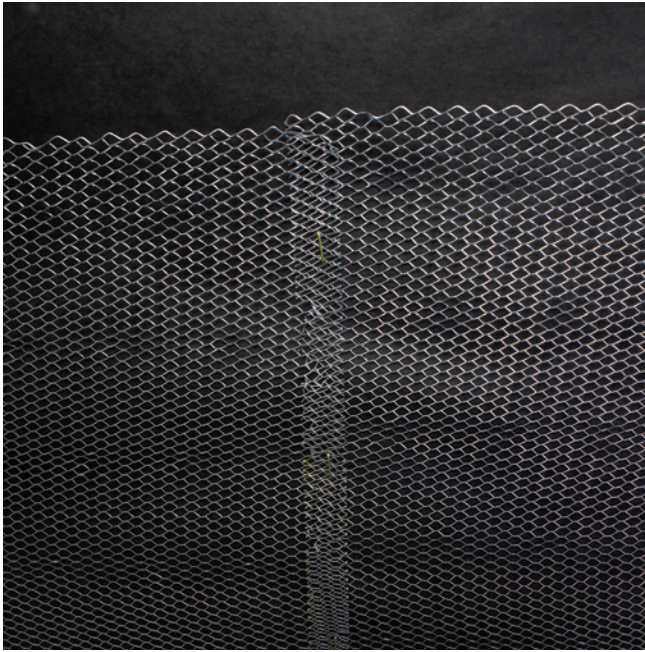


→  
compensate for  
the differences  
in thickness



## STEP THREE

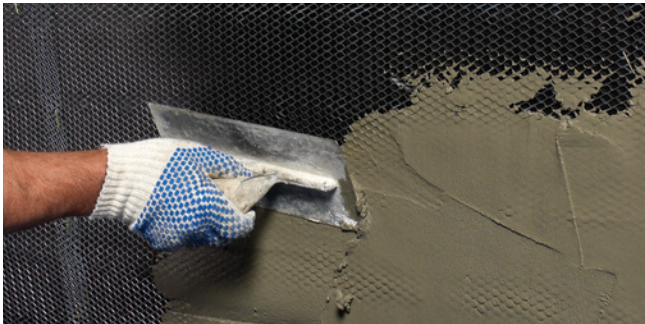
## Preparing the Surface for Eldorado Stone



Install weather-resistant barrier and metal lath.



Attach lath with galvanized nails or staples.



Cover entire lath with mortar.



Score mortar horizontally.

### WEATHER-RESISTIVE PAPER

Install one layer of weather-resistant barrier. Where vertical joints occur, overlap by at least 6". Where horizontal joints occur, overlap by at least 2". Start the paper from the bottom and move up.

### GALVANIZED METAL LATH

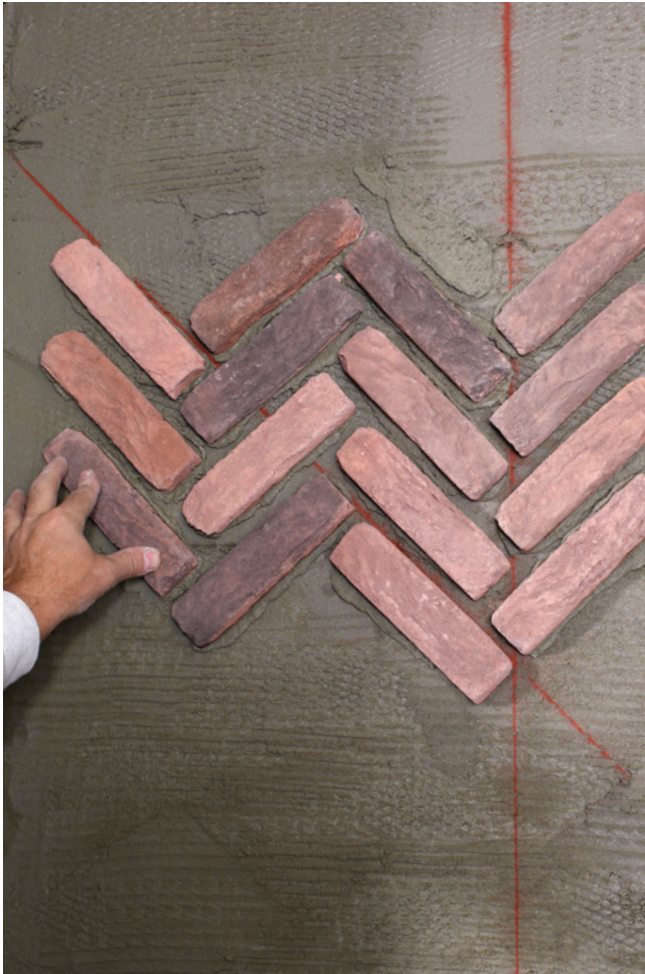
Install self-furred 2.5 lb. or higher galvanized metal lath. Overlap lath sides by at least 1" and wrap corners 16". Attach lath (with small cups pointing upwards) with galvanized nails or staples 6" on stud center, vertically, and 16" on stud center horizontally.

### SCRATCH COAT

Use premixed Type N or Type S mortars. Apply 0.5" thick coat of mortar. Cover the entire lath with mortar. The mortar should be scored horizontally with a notched scarifier.

## STEP FOUR

## Setting Eldorado Stone and Brick



**Above and below left:** Install brick first using chalk lines and level.  
**Below right:** Alternate stone corners so returns vary.



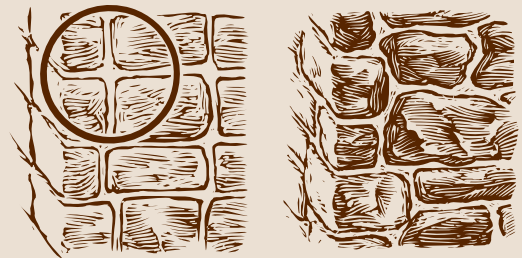
### BRICK VENEER

Eldorado Stone's VinoWall plan specifies Canterbury ViaBrick as an installed herringbone pattern on the backsplash of the wine storage wall. The brick is also installed around the built-in refrigeration and the archway over the wine storage. Follow these tips if you plan on using brick:

- Install the brick first, including the archways, frame around built in refrigeration and the back of wine storage wall.
- Use chalk lines and level to set a grid for the herringbone pattern on the wine storage wall.

### Helpful Tips

Lay out a minimum of 25 sq. ft. of veneer on the floor to ensure that a selection of random color hues and a variety of shapes are used. Moisten the scratch coat and veneer to reduce initial absorption. Apply a 0.5" even layer of mortar to the entire back of veneer. Install the corner stones first, alternating long and short returns. First, set the corners and flats from the top down and wiggle gently into place. Do not tap or hit the stones or the brick.



**CAREFUL!** Avoid the awkward "+ sign" pattern (left) that can occur if installed incorrectly. Locate the individual stones so the grout joints are staggered (right).



## SELECT GROUT TECHNIQUE AND COLOR

Remember that selecting a grout technique and applying the grout is just as important as laying the stone. You can, and many times should, add color to the mortar (as an accent) to more closely match the stone. Care should be taken to be assured that the color emulates a natural earthen sand color.

As previously mentioned, Tuscan-style walls employ a rustic and old-world appearance. Accomplishing this look takes careful planning and a qualified mason. It is highly recommended that multiple tests are done with some loose stones on a board before commencing grouting the actual wall.

Either a Standard grout or Overgrout technique should be selected for the VinoWall. The Overgrout has been an ever increasingly popular way to achieve an old-world appearance. Please consider the following tips when finalizing the grout application.

## STANDARD GROUT TECHNIQUE

- Use a grout bag to fill joints with mortar and force grout into any voids.
- Keep the face of the stone clean (unless you want a slurry finish) because smeared mortar will permanently stain the stone. If mortar gets on the veneer, let it set until dry and crumbly and brush off with a dry whisk broom.
- Don't grout more than you can manage at one time. Joints can be tooled with specific masonry tools or with anything you find easy to use. A stick is often the tool of choice.
- Use a whisk broom to smooth joints and clean away any loose mortar from the joints and veneer face.
- Don't allow joints to fully harden before tooling. Mortar should be pliable and crumbly, not too wet and not too dry.

*Mix in color to the grout to match stone more closely*





**Above:** Smooth the mortar flush with face of brick. **Above right and below:** Overlapping face of brick creates desired rustication.

### OVERGROUT SPECIAL RECOMMENDATIONS

- *Overgrout technique smooths the mortar to a plane flush with the stones face and tends to make the stonework appear rustic and aged.*
- *The grout overlaps the face of the stone, widening the joints and making them very irregular.*
- *If desired, a sponge can be used to wash the joints and expose the aggregates of sand within the mortar. Be cautious not to get the wet mortar on the stone surface as this will stain the stones. If wet mortar from sponging the joints gets on the stone surface wash it immediately with clean water.*



*VOILÀ!     The Gemstone VinoWall complete*



**The VinoWall from Eldorado Stone.**

*The perfect pairing of wine and stone. Create this full-bodied Gemstone Wall in your kitchen, your dining room, or perhaps more fittingly, your own private cellar.*

*Eldorado Stone. The Foundation for Memorable Spaces.*



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Eldorado Stone® stone veneer should only be applied to structurally sound surfaces incorporating good building practices meeting all local code requirements. Before starting any stone application, check with your local building code requirements and read all manufacturers' installation instructions.