

Why is Eldorado Stone® considered The Most Believable Architectural Stone Veneer in the World™?

Believability. It's the most important ingredient of Eldorado Stone and the most compelling reason why so many architects, builders and homeowners choose Eldorado Stone. Eldorado's distinct process handcrafts molds and creates the natural color palettes that capture all the nuances of real stone. The warmth and richness of Eldorado Stone creates unique spaces of permanence, romance and beauty; inside and out. Only from Eldorado Stone.

What is the difference between manufactured stone veneer and natural stone?

Manufactured stone veneer is cast from molds of real stone which makes it lighter than natural stone. Natural stone may require wall ties and footings, which, in turn, can increase installation cost and difficulty. Eldorado's architectural stone veneer is lighter weight, designed to adhere easily to a variety of structurally sound surfaces, and is capable of installations that would normally be very difficult and costly to achieve with natural stone.

What are the benefits of using manufactured stone?

Installed, manufactured stone is approximately 1/2 the cost of natural stone. Its light weight properties eliminate the need for wall ties or footings. Manufactured stone has a 2% (approximately) waste factor versus 10% for natural stone. The benefits are the benefits. Only from Eldorado Stone.

FREQUENTLY ASKED QUESTIONS

Can I install Eldorado Stone myself?

In general, installation of Eldorado Stone can be installed by almost anyone. However, installation does require a fundamental understanding of stone masonry. Please review the [Installation Manual](#) and [FAQs](#) at www.eldoradostone.com or contact Customer Service at 800.925.1491.

How does Eldorado Stone withstand freeze/thaw cycles?

Eldorado Stone products are tested for freeze/thaw durability. As with any installation, making sure to incorporate good building practices that include proper flashing and water diversion techniques will help ensure a successful installation.

How much does Eldorado Stone weigh?

Approximately 10-12 lbs. per square foot. Eldorado Stone qualifies as an adhered veneer because it weighs less than 15 lbs. per square foot.

Will Eldorado Stone fade?

The base color is blended throughout and permanent mineral oxide pigments are applied and absorbed when the veneer is cast. Color becomes an integral part of the veneer and, similar to natural stone, there are minimal noticeable color changes after years of weathering.

How important is a good stone installation?

As with any building material, the beauty of that product is greatly enhanced by how well it is installed. With Eldorado Stone, careful consideration regarding the type of profile and color selected, the actual installed stone "pattern", and the type of grout technique used, are all very important factors to regard. It is always best to create a mock up board with the desired aesthetic appeal prior to installation on your project. For more information download the [Installation Manual](#) and [FAQs](#) PDFs from www.eldoradostone.com.

What type of coverage can be expected?

Approximately 100 square feet per day. This varies depending upon the stone type used and the installers ability. Stacked Stone, for instance, sold in 4" modular component

Can I install Eldorado Stone near water?

It is not recommended for use below the water line in a pool, a fountain or below grade. A high quality penetrating and breathable sealer that is either silane or siloxane-based is recommended in areas where the stone may be subject to frequent water runoff.

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How thick are the stones?

0.625" to 3.625" depending on the texture.

What's the thickness from the substrate to surface of the stone?

There will be (approximately) an additional 0.5" -1" of mortar thickness behind the

How do I clean the Eldorado Stone ?

To clean dirt or other particles first try a simple soft bristle brush. If necessary use a solution of mild detergent with water and scrub the surface with a soft bristle brush. Rinse with clean water to remove any cleaning solution that might remain on the surface. If the stone has a white stain deposit (efflorescence) please contact Customer Service at 800.925.1491 for recommendations. Never use wire brushes, acid cleaners, power washers, bleach, paint remover or any other type of concrete cleaner.

How do I clean efflorescence?

When efflorescence occurs, as it does with many masonry products, it is the usually the result of moisture migration through the masonry substrate. Once the moisture is on the masonry surface, it evaporates, depositing dissolved salts in the form of efflorescence. Efflorescence naturally disappears over time as long as the moisture source is controlled or eliminated. If the stain will not wash off, do not apply chemicals or cleaners to the stone. Call Eldorado customer service to discuss optional solutions.

Can I seal Eldorado Stone?

It is not required to seal Eldorado Stone. A sealer will provide added protection and will usually be easier to clean if the surface becomes dirty. If you choose to use a sealer for added protection use only a silane or siloxane-based penetrating, breathable masonry sealer.

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What about protection against graffiti?

In many areas, Eldorado Stone is considered a protection against graffiti. The color blends and uneven textures are not the best canvas for graffiti "artists." However, if you should choose to use an anti-graffiti coating please speak directly to the manufacturer of the anti-graffiti coating product and ask your contractor to submit a test prior to installation. There are urethane and wax-based sealers that can damage the surface or cause it to "yellow." Other sealers may encourage additional efflorescence on the stone's surface. No type of coating should be applied until the stone has been on the wall for at least 14 to 28 days.

Does Eldorado Stone require movement joints?

Should I use a rainscreen drainage plane system?

Eldorado Stone veneer does not require the use of a rainscreen drainage plane system for all applications. However, some building codes now require the use of rainscreen drainage plane systems behind cladding materials such as manufactured veneer. If you are installing veneer in these areas, or wish to provide additional protection against entrapped moisture, download the [PDF](#) from www.eldoradostone.com for more detailed information.

What is the fire rating of Eldorado Stone?

Eldorado Stone has been tested for fire hazard and shows zero flame spread and zero smoke developed. Since Eldorado Stone is non-combustible there is no fire rating.

Can we install Eldorado Stone around a fireplace?

Eldorado Stone can be installed around a fireplace. The veneer has to be a minimum of 18" from any open flame. Download the [PDF](#) from www.eldoradostone.com for more detailed information.

What measures should be taken for hot/cold weather installations?

For cold weather installations ambient temperature should be 40°F or higher at the time Eldorado Stone veneer is applied. If the temperature is below 40°F, mortar should be heated between 40°F – 120°F (not to exceed 140°F). Any mortar that freezes should be discarded. Wall surfaces may need to be covered and heated after installation of veneer to avoid freezing the mortar. See section 2104.3 of the International Building Code (IBC) for additional cold weather requirements.

Applications in hot weather conditions should follow the requirements in section 2104.4 of the IBC. Mortar should be kept under 120°F and be used within 2 hours of initial mixing.

Does Eldorado Stone need a ledge detail at the bottom for structural support or can it hang freely?

No footings or support ledges are needed. The product is an adhered veneer and is supported on the wall by the bond of the mortar to the stone and scratch coat.

FREQUENTLY ASKED QUESTIONS

What measures should be taken for applications over 30 feet?

Eldorado Stone can be installed on any structurally sound surface. For all applications up to 30' in height we recommend following our Unless special construction techniques accommodates differential movement — which is approved by a code official — there is a 30' height limit for installations over wood-frame construction. For installations over non wood-framed sheathing (e.g., steel studs, concrete walls, etc.) there's no specific height limitation. However, Eldorado Stone recommends that you consult with a building code official regarding any project exceeding 30' in height.

What kind of wind-load testing has been applied to Eldorado Stone veneer?

Eldorado Stone has tested grouted and dry-stacked applications in accordance with: ASTM E330, ... , ... f™. Wall samples were subjected to positive and negative structural load tests at 57.6 psf (150 mph wind speed) and 60 psf (153 mph wind speed) pressure differentials. After completion of each load a visual inspection revealed no visible damage or cracking.

Where can I learn more about Eldorado Stone?

Contact your Architectural Representative, visit www.eldoradostone.com or talk to your local distributor to find out more about the many inspirational and technical attributes that make Eldorado Stone

