

TECHNICAL DATA

Eldorado Stone is designed to meet or exceed building code requirements. Independent testing confirms compliance with ICC-ES Acceptance Criteria 51 for Precast Stone Veneer.

Supporting test data is available upon request.

Local building codes may vary by area.

Always check with your local building authorities before installing stone.

*For additional technical information please visit:
www.eldoradostone.com*

INGREDIENTS

Light weight aggregate
Portland cement
Mineral oxide colors

CODE ACCEPTABILITY AND CERTIFICATION

Mineral composition units
Surface burning characteristics
Flame Spread 0
Smoke Developed 0
546T
ICC-ES Legacy Report ER-3568
ICC-ES Legacy Report NER-602
Los Angeles Research Report #25589
HUD Materials Release #910
N.R. #290905-5



COLOR RETENTION

Only permanent mineral oxide colors are used. No undesirable color change can be observed, even after years of weathering

COST

The installed cost of Eldorado Stone is approximately 1/3 to 1/2 the total cost of natural stone

FREEZE-THAW DURABILITY

Tested in accordance with ASTM C67
Less than 3 percent weight loss

SHEAR BOND (ADHESION)

Tested in accordance with ASTM C482
Greater than 50 psi shear bond strength

ABSORPTION

Tested in accordance with section 3.1.4 and 4.6 of ICC-ES Acceptance Criteria 51

DENSITY

Tested in accordance with ASTM C567
Shipping weight is approximately 9-11 lbs. per square foot

THERMAL RESISTANCE

Tested in accordance with ASTM C177-71
R factor = .473 at 1.387 inches thick

COMPRESSIVE STRENGTH

Testing in accordance with C192 and C39
Compressive strength is greater than 1800 psi

TENSILE STRENGTH

Tested in accordance with ASTM C190

TEXTURAL STRENGTH

Tested in accordance with ASTM C348



1.800.925.1491
WWW.ELDORADOSTONE.COM

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Eldorado Stone MAINTENANCE

Thank you for choosing Eldorado Stone for your project! Eldorado Stone products are virtually maintenance free.

----- CLEANING -----

On occasion, washing to remove surface debris or dust may be required. *For dirt, dust and other particle removal:*

- You may find that gently scrubbing the stones surface with a dry soft bristle brush is sufficient.
- Use a strong solution of granulated (*powdered*) detergent and water. Make sure the detergent does not contain any bleach or other harsh chemicals. Gently scrub with soft bristle brush and detergent/water solution. Rinse well with clean water.

----- EFFLORESCENCE -----

When efflorescence occurs, as it does with many masonry products, it is 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 will disappear naturally over time as long as the source of the moisture is controlled or eliminated. *If you wish to clean off efflorescence, use the following instructions:*

- Efflorescence may be removed with a solution of 1 part white, distilled vinegar to 5 parts water. Gently scrub using a soft bristle brush and vinegar/water solution. Rinse well with clean water.

----- SEALING -----

Sealing Eldorado Stone is not necessary, however, it is recommended in certain applications such as “at grade”, where mud may splash onto the stone or on wood-burning fireplaces, which are exposed to smoke and soot. A sealer will provide added protection and usually be easier to clean if the surface becomes dirty.

- Use only a quality masonry sealer that is of the “penetrating breathable” type that is either a Silane or Siloxane based product. As with any sealer, the color of the stone may change after application. They can also add a gloss or matte finish, so it is recommended to test on several loose pieces to determine if the color or finish change is acceptable.

- Do NOT use wire brushes on Eldorado Stone
- Do NOT attempt to clean Eldorado Stone with acid cleaners
- Do NOT clean Eldorado Stone with a high power pressure washer

Eldorado Stone Technical Department



50 YEAR LIMITED WARRANTY

Manufacturer warrants Eldorado Stone® wall veneers for a period of fifty (50) years against manufacturing defects when used on structures conforming to local building codes and when installed in accordance with Eldorado Stone's written instructions.

Warranty coverage specifically excludes:

Damage resulting from wall movement

Settlement of the building

Contact with chemicals or paint

Discoloration due to contaminants, staining or oxidation

Warranty coverage is limited to replacement or repair of defective materials only and does not cover labor to remove or replace materials. Warranty coverage is limited to the original purchaser.



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