



What is CastStone22?

CastStone22 is a cast stone product containing 22 percent recycled material exceeding Cast Stone Institute standards.

CastStone22 is a high quality building material that simulates natural limestone. It is manufactured from glass cullet aggregate, Portland cement, additives and color pigments.

CastStone22 is generally used as a masonry product, an architectural feature, trim, ornament, or facing for buildings and other structures.

CastStone22 typically displays higher resistance to abrasion than equivalent materials made using quartz sand or similar materials as fine aggregate. Reduced drying shrinkage is also often observed for mixes containing glass cullet aggregate.



Since Jim Edwards founded Edwards Cast Stone Company in 1964, the cornerstone of the family owned business has been integrity. As an industry leader in the field of cast stone, we offer you a quality product, superior shop drawings, reliable service and on time delivery.

Our 44,000 square foot state-of-the-art facility produces both wet and dry cast stone daily. Edwards Cast Stone offers an extensive choice of standard and custom colors and shapes, giving the designer a high degree of design freedom. Classic beauty and unmatched durability are incorporated into all of our products.

Any question from design and planning to shop production and field installation, Edwards Cast Stone has your solution. Our policy of prior approval of all plans and bids does more than solve problems, it helps prevent them. Our goal is your complete satisfaction and future consideration.



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CastStone22... a Recycling Solution

To date there has been no meaningful market for the large volume of the color mixed cullet generated by current practices in the collection and disposal of solid waste.

As a result, the volume of this material is approaching 50% of all post consumer recycled glass produced each day by material recycling facilities (MRF's). This material remains a costly by-product of the production of the post consumer single color cullet.

Up to 50% ends up in a landfill instead of being used to make new glass or is stockpiled to avoid the cost of the landfill.

We at Edwards Cast Stone have found a way to incorporate this material into our products to alleviate the tremendous waste of this usable resource.

- In 1998 15 states had an average of 4% or higher of bottles that were returned for filling. Only 5 states had a percentage of 7% or higher.
- Currently there aren't any bottles in circulation to be refilled. The industry wide discontinuation of the returnable bottles was driven by consumer preference.
- The non-returnable bottles are 100% recyclable due to their lighter weight they require 28% less glass than the returnable bottles. This results in energy savings to the breweries, wholesalers, retailers, bars/restaurants, and recyclers. The non-returnable bottles decrease the fuel consumption used in transportation, thus lowering vehicle emissions.
- Our local distributor currently has to ship their bottles somewhere to be crushed which is expensive and thus creating more vehicle emissions. They are in the process of purchasing the machine but currently we have the capability of getting our recycled material from a company in Ames, IA.
- The colors that will be incorporated into the stone are Brown, Clear and Green. You will not have any control over what exactly will be in each mix.



**LEED Building Materials
Certification Form**
Edwards CastStone22
22% Post Consumer
Recycled Content