

Description

Every piece of RealCast Fluted is hand-cast to achieve a truly cast-in-place concrete look. Our lightweight fiber-reinforced concrete is fireproof and is very strong and flexible to allow for an easy to install. All panels come without sealant so you can seal according to intended use.

Applications

Interior or Exterior: facades, walls, ceilings, fireplaces, other applications.

Limitations

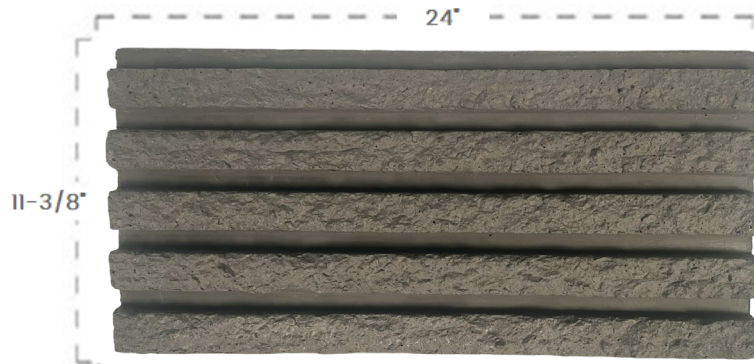
RealCast products do not add to the structural load bearing capacity of the substrate to which it is being applied. All products have been designed for wall installation only and should not be applied anywhere that they will be walked or sat on. RealCast has not been tested for under-water use. Make sure proper sealant is applied for the specific application.

Product

Fiber-Reinforced Lightweight Concrete
(silica free)

FLAMESPREAD: N/A

SMOKE DEVELOPED: N/A



Fluted Properties:

Feature	Unit	Standard
Fire Resistance	N A	
Silica Content	N A	7
Moisture content at dispatch from manufacturer	5-10%	2
Impact Resistance	High	0
Flexural Strength	Medium	9

Weights & Dimensions

Panel: 11-3/8" x 24" x 1-1/2" = 1.9 square feet, 8.4lbs

Box: 48 x 48 = 3"x50"x50", contains 5 Panels

Pallet: 24 x 48 = 11 boxes, 50"x34"x32", 1320lbs
48 x 48 = 50"x50"x25", 10 boxes, 2400lbs

Advantages



Silica
Free



Fire
Proof



Easy
Install



Highly
Durable



Eco-
Friendly



Commercial
Rated

Fluted Recommended Finishing Products

The following products are recommended with RealCast products. See install instructions for details on how/when to use.

- Non-Expanding foam adhesive, thin-set mortar, heavy-duty construction adhesive, other interior and exterior large format tile adhesives. All should be applied as per the manufacturer's recommendations as well as the relevant RealCast installation instructions
- 1.5" 18ga. Air-Powered (pneumatic) Nails can be used to hold panels while the adhesive sets
 - Depending on the cure of the panel, and other uncontrollable elements, some nails may go in cleanly, and others may not
- Premium Acrylic Grout – this is optional for Fluted installation. Fluted panels can simply be butt together or can be spaced like a tile and then grouted. It is important to test the grout on a small area first to ensure it does not penetrate and stain the panel.
- Sealant – RealCast panels come with a penetrating water-based sealant applied. If RealCast is being used in an exterior application, or area with potential for high moisture, water, or other potential staining – additional (water-based) sealant can be applied. And in some cases, may need to be applied annually or as per the sealant manufacturer's instructions.

Care and Cleaning

RealCast products are easily cleaned with water and a cloth. RealCast comes sealed, but being a natural concrete, it is still susceptible to staining.

Do not use chemicals, anything rough/abrasive, or anything acidic to clean. This could damage the surface. Some tougher debris/stains can be eliminated with water and a light brushing with a soft bristle brush, and even some less harsh cleaning agents. Natural cleaners like vinegar or baking soda often work well. Always trial a small area first to ensure the procedure is working, and to check for color fastness.

Sealants may darken or add shine/sheen to the concrete surface. Make sure to tell your supplier what the desired look is, and to test on a small sample or area prior to full sealant application.

RealCast Warranty

Subject to the terms, conditions, and limitations stated in our full Warranty, InStone provides this limited warranty only to the person or entity that originally purchased (the "**Original Purchaser**") any RealCast panel (the "**Product**") from InStone.

InStone warrants that the Product will not have peeling, excessive cracking, flaking, or corrosion solely as a result of defects in materials or workmanship (the "**Warranty**") for a period of fifteen (15) years from the original date of purchase (the "**Warranty Period**"). Some of the above issues may occur if the product is installed in a fashion or environment not recommended by InStone.