RealCast
LIGHTWEIGHT CONCRETE

Slab
Product Data Sheet

Description
Every piece of RealCast Slab is hand-cast to achieve a truly cast-in-place concrete look. Our lightweight fiber-reinforced concrete is fire proof, specially treated to resist stains, and is very strong and even flexible to allow for an easy to install and years of maintenance-free beauty.

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.
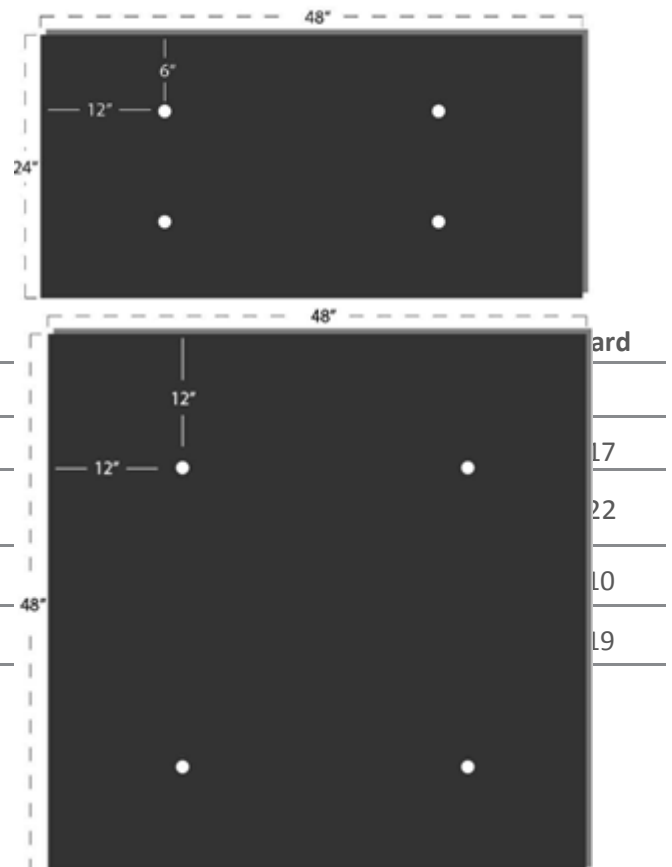
Product
Fiber-Reinforced Lightweight Concrete (silica free)
FLAMESPREAD: N/A   **SMOKE DEVELOPED: N/A**

Slab Info:
- **24 x 48** = 3/8" thick x 24" high x 48" long
- **48 x 48** = 3/8" thick x 48" high x 48" long
- Use 1kg RealCast Finishing Grout
  for every 5-10 Slab Panels (optional)

Slab Properties:

Feature	Unit	ard
Fire Resistance	NA	
Silica Content	NA	L7
Moisture content at dispatch from manufacturer	5-10%	22
Impact Resistance	High	L0
Flexural Strength	Medium	L9

Box and Pallet Dimensions

Box Dimensions:	**24 x 48** = 3" 26" x 50"
	48 x 48 = 3" 50" x 50"
Boxes/Pallet:	Approx. 40
Box Weight:	40lbs
Pallet Dimensions:	Approx. 50" x 50" x 48" (depends on number of boxes)
Pallet Weight:	1650lbs

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Advantages

Silica Free	Light-Weight	Fire Proof	Easy Install	Highly Durable	Eco-Friendly	Commercial Rated

Slab 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 (or) Titebond TiteGrab Construction Adhesive
  - Similar heavy-duty adhesives and some tile adhesives can also be used can be used
  - Approx. (1) 10.3oz tube / box. (using ¼" bead over ¾ of the length of the board)
- 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 will go in cleanly and others may not
- 1.5" Finishing Nail if hammer is being used
- Real Cast Finishing Grout – this is optional for Slab installation. Slab can simply be butt together or can be spaced like a tile and then Finishing Grout applied. For Exterior use, proper grouting and sealing will likely be necessary.

Slab Care and Cleaning

Because of the high-grade coating formulation used, RealCast products are easily cleaned with a water and a cloth. Wherever possible, do not use anything rough, chemicals, 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. Always trial a small area first to ensure the procedure is working, and to check for color fastness.

RealCast comes standard with DuraCoat penetrating sealant applied. Unless the boards are being utilized where not recommended, additional sealing is not necessary. If extra sealant is desired for your particular use, make sure it is compatible by testing a small area, or contacting InStone. Sealers may darken the color of the wood, and usually add different degrees of shine as well.

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 five (25) years full warranty 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.