

QUALITY STONE

EASY-INSTALL PANELS BY INSTONE

PRODUCT DATA SHEET

Product Description

Every piece of Quality Stone panelling is precisely cast from real stones, that are carefully chosen for their rich texture, shape, and size. Once the stones have been chosen, the colours are selected and added into the process to provide the realistic details of stone. This technology is combined into an interlocking panel system, making the panelling quick and easy to install. The Quality Stone panel uses 98% closed-cell structural, high-density polyurethane to create a very lightweight product that is then finished with titanium oxide. This allows each of the panels to be highly UV resistant while still maintaining the look and feel of real stone.

Quality Stone can be applied at any temperature and on multiple surfaces including masonry, wood, metal and many more. Whether it is a residential, commercial, or industrial application, our products have been engineered to eliminate the requirement of any additional structural or foundational support. It is highly recommended that our products not be installed at or slightly below grade. This has less to do with the product—which does not wick moisture—and more to do with eliminating a direct pathway for insect infiltration and frost heave from saturated soil. We have no testing data to support use underwater.

Materials

HIGH-DENSITY POLYURETHANE WITH A PAINT FINISH
(Can be also be ordered with Class A fire-rated poly).

FLAMESPREAD: 765 | SMOKE DEVELOPED: 350 - 450

Limitations

Quality Stone products do not add to the structural load bearing capacity of the substrate to which it is being applied. All of our products have been designed for wall installation only, and should not be applied in places where they could be walked or sat on. Special care is also recommended when installing in a space where a lawn trimmer or a snow blower can come in contact with the product.

Applications

Exterior only: Outdoor facades, walls, features, BBQs, sheds, chimneys, and other non-load bearing surfaces
Interior Poly: Indoor facades, walls, ceilings, features and other non-load bearing surfaces

Advantages



Non-Toxic



Hand-Crafted



Lightweight



Install Friendly



Made in North America



Super Durable



Energy Saving



Most Realistic

Collections



STACKED STONE



LEDGE STONE



RIDGE STONE



MODERN BRICK

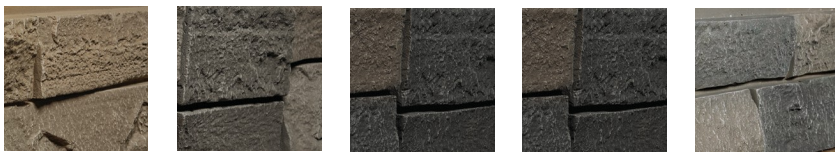
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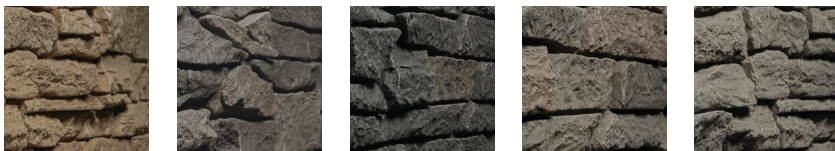
Available Colours

LEDGE STONE



Light Brown Dark Brown Black Blend Grey Brown Grey Blend

RIDGE STONE



Light Brown Dark Brown Black Blend Grey Brown Grey Blend

STACKED STONE



Simply White Light Brown Grey Blend Limestone Grey Brown Black Blend

MODERN BRICK



Simply White Terra Cotta Old School Yellow Pencil Lead Shades of Grey Tuxedo

PILLARS/CAPS



Available in all colours of Stacked Stone, Ridge Stone and Ledge Stone.

ACCESSORIES



Electrical Trim

Fixture Trim



Trims: (from top) Ledge Trim, Edge Trim, Top Trim, Side Trim



Corner Panels

Product Dimensions

PRODUCT	LENGTH	HEIGHT	THICKNESS	COVERAGE	WEIGHT
Stacked Stone Panels	48"	6"	1½"	2 sq. ft.	2.25 lbs
Stacked Stone Corner Panel	24½" / 2"	6"	1½"	1 sq. ft.	1.3 lbs
Ledge Stone Panels	48"	6"	2"	2 sq. ft.	2.5 lbs
Ledge Stone Corner Panel	24½" / 2"	6"	2"	1 sq. ft.	1.5 lbs
Ridge Stone Panels	46¼"	11¼"	1¾"	3.64 sq. ft.	1.5 lbs
Ridge Stone Corner Panel	24½" / 2"	11¼"	1¾"	2 sq. ft.	2.6 lbs
Modern Brick Panels	44½"	11"	½"	3.44 sq. ft.	2.3 lbs
Modern Brick Corner Panel	40½"	11"	½"	3.44 sq. ft.	2.3 lbs
Garage Panel	24 (ID)"	36"	1½"	6 sq. ft.	8.6 lbs
8" Pillar Panel	8 (ID)"	48"	1½"	-	4.2 lbs
11" Pillar Panel	11 (ID)"	48"	1½"	-	2.6 lbs
24" Pillar Panel	24 (ID)"	48"	1½"	-	2.6 lbs
8" Pillar Cap	13½"	3"	-	-	2.6 lbs
11" Pillar Cap	17⅝"	4"	-	-	2.6 lbs
24" Pillar Cap	30"	6"	-	-	2.6 lbs
Electrical Trim	6¼"	8¼"	1¾"	-	0.6 lbs
Fixture Trim	8"	9¾"	1¾"	-	0.6 lbs
Top Trim	24"	2"	2"	80 lin. ft.	0.6 lbs
⅝" Side Trim	48"	⅝"	⅝"	-	0.4 lbs
1" Side Trim	48"	1"	1"	-	0.4 lbs
1½" Side Trim	48"	1½"	1½"	-	0.4 lbs
Starter Strip	48"	½"	½"	-	0.3 lbs
Stone Finish (caulk)	10.3 oz.	-	-	Approx 100sqft	1.3 lbs
Touch-up Kit (box)	5½"	2"	5½"	Approx 300sqft	1.0 lbs

Box Dimensions

PRODUCT	BOX LENGTH	BOX HEIGHT	BOX THICKNESS	BOX WEIGHT
Stacked Stone Panels	50"	24"	8"	42 lbs.
Stacked Stone CornerPanel	50"	24"	8"	26 lbs.
Ledge Stone Panels	50"	24"	8"	36 lbs.
Ledge Stone CornerPanel	50"	24"	8"	22 lbs.
Ridge Stone Panels	49"	24"	13½"	68 lbs.
Ridge Stone CornerPanel	49"	24"	13½"	38 lbs.
Modern Brick Panels	49"	24"	13½"	28 lbs.
Modern Brick CornerPanel	49"	24"	13½"	21 lbs.
Garage Panel	-	-	-	40 lbs.
8" PillarPanel	49"	21½"	11¼"	52 lbs.
11" PillarPanel	49"	23"	14¼"	66 lbs.
24" PillarPanel	49"	19"	29½"	125 lbs.
24" PillarCap	-	-	-	24 lbs.
Top Trim	50"	24"	8"	20 lbs.
Starter Strip	49"	6"	5 ⁷ / ₁₀ "	32 lbs.
Stone Finish (caulk)	12"	8"	6"	13 lbs.
Touch-up Kit (box)	2"	5½"	5½"	1 lb.

Pallet Dimensions

PRODUCT	PALLET LENGTH	PALLET HEIGHT	PALLET THICKNESS	PALLET WEIGHT
Stacked Stone Panels	50"	48"	97"	1032 lbs.
Stacked Stone CornerPanel	50"	48"	97"	
Ledge Stone Panels	50"	48"	97"	912 lbs.
Ledge Stone CornerPanel	50"	48"	97"	
Ridge Stone Panels	50"	48"	100"	1008 lbs.
Ridge Stone CornerPanel	50"	48"	100"	
Modern Brick Panels	50"	48"	100"	-
Modern Brick CornerPanel	50"	48"	100"	-
Garage Panel	-	-	-	720 lbs.
8" PillarPanel	50"	48"	98"	832 lbs.
11" PillarPanel	50"	48"	92"	792 lbs.
24" PillarPanel	50"	48"	85"	750 lbs.

Quality Stone Properties

FEATURE	UNIT	VALUE
ASTM E-84 / UL 7233	Flame Spread Average: 765	Smoke Density Average: 350 - 450
ASTM D1929	Self-Ignition Temperature	540 deg. C (1004 deg. F)
	Water Resistance	Showed no visual sign of degradation
ASTM G26	Weatherability	Showed no visual sign of degradation
ASTM C518	Thermal Transmission Properties	R3.6 or greater
	Freeze / Thaw	Showed no visual sign of degradation

*Check local building codes to see if a Class A (or better) material is required.

Quality Stone Properties (continued)

FEATURE	UNIT	VALUE
ASTM E-84/UL 723	Flame Spread Average: 20	Smoke Density Average: 350 - 450
ASTM D1622	Molded Core Density	14 pcf
ASTM D1621	Compressive Strength	11 to rise, 310 psi
ASTM D790	Flexural Strength	11 to rise, 700 psi
ASTM D2240	Shore D Hardness	37

Recommended Finishing Products

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

- We recommend a Drill and 3" DeckScrews
- If adhesive is needed, we recommend Titebond TiteGrab or Gorilla Glue
- Approx. (1) 10.3 oz. tube / 40 sq. ft. (using ¼" bead over ¾ of the length of the board)

Use Stone Finish textured caulking to cover any unwanted screws, gaps, seams, etc.

Care and Cleaning

Because of the high-grade coating formulation used in our Climate Shield, all Quality Stone panels are easily cleaned with a duster or a slightly-damped wash cloth. A garden hose or pressure-washer held far enough away to not cause damage can be used. Do not use anything rough, chemicals, or anything acidic to clean. This could damage the finish coating, and potentially the polyurethane. Some tougher debris/stains can be eliminated with water and a light brushing with a soft bristle brush. Always trial a small area first to ensure the procedure is working, and to check for color fastness.

If major damage happens, the Stone Finish caulking, Paint Touch-Up Kits can be used.

Warranty

LIMITED WARRANTY TO ORIGINAL PURCHASER ONLY

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 Quality Stone panels (the "Product") from InStone.

InStone warrants that the Product will not peel, flake, rot, blister, crack, or corrode solely as a result of defects in materials or workmanship (the "Warranty") for a period of four (4) years full warranty from the original date of purchase (the "Full Warranty Period"), and an additional sixteen (16) years at the percentages set forth in the table below (the "Additional Percentage Warranty Period").