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 paneling quick and easy to install. The Quality Stone panel uses 98% closed-cell structural, high-density polyurethane to create a very lightweight panel with ClimateShield coatings. 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 ordered with Class A fire-rated poly for interior use.

EXTERIOR QUALITY STONE (standard)
FLAMESPREAD: 765 | SMOKE DEVELOPED: 500+
INTERIOR QUALITY STONE (special order)
FLAMESPREAD: 20 | SMOKE DEVELOPED: 300

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 saton. 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

ClimateShield   Hand-Crafted   Lightweight

Install Friendly   Made in North America   Super Durable

Energy Saving   Most Realistic

Collections

STACKED STONE   LEDGE STONE

RIDGE STONE   MODERN BRICK

STUCCO

PANEL

Stacked Stone Dark Brown Shown

CORNER PANEL LEFT

CORNER PANEL RIGHT
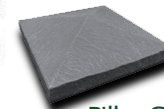
PILLAR PANEL

POST COVER

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

Sold per piece.

Available in all colours of Stacked Stone.

2pcs/set

Pillar Cap

Post Cap

8", 11", 24"

6"

TRIMS
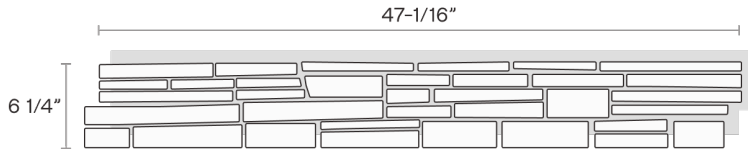
Ledge Trim

Edge Trim

Top Trim

Side Trim
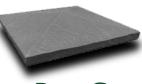
Starter Strip

Electrical Trim

Fixture Trim

CORBELS

ACCESSORIES

Paint Kit

Stagger Stencil

Stone Finish Caulking

Interior/Exterior Primed and ready for paint or stain.

9x12", 15x18", 18x24"

STACKED STONE

47-1/16"

6 1/4"

Black Blend	Dark Brown	Limestone	Rustic Tan
Light Brown	Grey Blend	Grey Brown	Midnight Shadow

LEDGE STONE

46-3/4"

6"
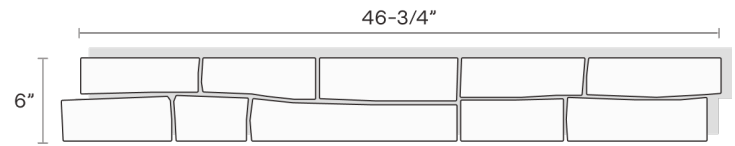
Dark Brown	Black Blend	Grey Blend
Limestone	Light Brown	Grey Brown

RIDGE STONE

46-1/4"

11"
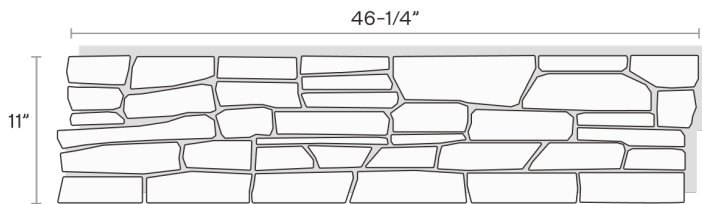
Dark Brown	Black Blend	Limestone
Grey Brown	Light Brown	Grey Blend
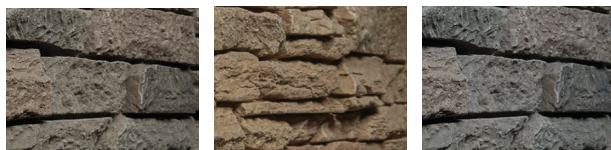
*All profiles available in Simply White for interior use

MODERN BRICK

44 1/2"

11"
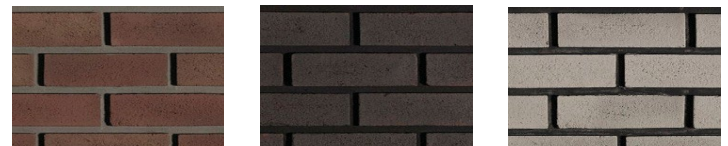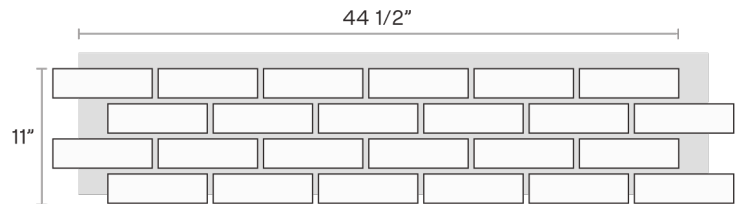
Terra Cotta	Pencil Lead	Tuxedo
Shades of Grey	Old School Yellow	Simply White

STUCCO

STUCCO COME IN 24X48" AND 48X48" PANELS AND
PRIMED & READY FOR PAINT. PRE-PAINTED AVALABLE
FOR LARGE ORDERS BY SPECIAL REQUEST

Product Dimensions

PRODUCT	LENGTH	HEIGHT	THICKNESS	COVERAGE	WEIGHT
Stacked Stone Panel	47-1/16"	6-1/4"	~1½"	~2.0 sq. ft.	2.25 lbs
Stacked Stone Corner Panel	24½" / 2"	6-1/4"	~1½"	~1.0 sq. ft.	1.3 lbs
Ledge Stone Panel	46-3/4"	6"	~1½"	~2.0 sq. ft.	2.5 lbs
Ledge Stone Corner Panel	24½" / 2"	6"	~1½"	~1.0 sq. ft.	1.5 lbs
Ridge Stone Panel	46¼"	11¼"	~1½"	~3.64 sq. ft.	3.0 lbs
Ridge Stone Corner Panel	24½" / 2"	11¼"	~1½"	~2.0 sq. ft.	2.0 lbs
Modern Brick Panels – 11"	44½"	11½"	~1"	~3.5 sq. ft.	2.7 lbs
Modern Brick Corner Panel	23½" / 1-3/4"	11½"	~1"	~1.9 sq. ft.	1.6 lbs
Modern Brick Panel – 33"	44½"	33"	~3/4"	~10.0 sq. ft.	7.5 lbs
24 x 48" Stucco Panel	48"	24"	~1"	8.0 sq. ft.	6.0 lbs
6 x 6 x 24" Stucco Corner	6⅛" / 6⅛"	24"	~1⅜"	2.0 sq. ft.	1.6 lbs
48 x 48" Stucco Panel	48"	48"	~1"	16.0 sq. ft.	12 lbs
6 x 6 x 48" Stucco Corner	6⅛" / 6⅛"	48"	~1⅜"	3.44 sq. ft.	3.2 lbs
Stucco Trim	48"	11"	~3½"	-	1.8 lbs
6" Post Cover (2pc set)	6"(ID) / 8"(OD)	44"	~1½"	-	7.35 lbs
8" Pillar Panel	8"(ID) / 10½"(OD)	48"	~1½"	-	4.0 lbs
11" Pillar Panel	11"(ID)" / 14½"(OD)	48"	~1½"	-	5.5 lbs
24" Pillar Panel	24"(ID)" / 26½"(OD)	48"	~1½"	-	10.5 lbs
6" / 8" / 11" / 24" Post Cap	10 / 13½ / 17⅝ / 30"	2 / 3 / 4 / 6"	-	-	.7/1.7/5/12.5lbs
9 x 12" Corbel	9"	12"	3½"	-	1.0 lbs
15 x 18" Corbel	15"	18"	3½"	-	2.7 bs
18 x 24"" Corbel	18"	24"	3½"	-	4.5 lbs
Ledge Trim	47"	3½"	~3"	-	1.7 lbs
Edge Trim	47"	2"	~1½"	-	0.9 lbs
Electrical Trim	6 ¼"	8¼"	~1¾"	-	0.6 lbs
Fixture Trim	8"	9¾"	~1¾"	-	0.6 lbs
Top Trim	24"	2"	~2"	80 lin. ft.	0.6 lbs
5/8" Trim	48"	⅝"	⅝"	-	0.4 lbs
1" Trim	48"	1"	1"	-	0.4 lbs
1½" Trim	48"	1½"	1½"	-	0.4 lbs
Starter Strip	48"	½"	½"	-	0.3 lbs
Stone Finish (caulk)	10.3 oz.	-	-	~100 sqft	1.3 lbs
Touch-up Paint Kit (box)	6"	2"	6"	~300 sqft	1.0 lb

Box Dimensions

PRODUCT	PCS PER BOX	BOX LENGTH	BOX WIDTH	BOX HEIGHT	BOX WEIGHT
Stacked Stone Panel	16	50"	24"	8"	34 lbs.
Stacked Stone Corner Panel	16	50"	24"	8"	24 lbs.
Ledge Stone Panel	12	50"	24"	8"	30 lbs.
Ledge Stone Corner Panel	12	50"	24"	8"	23 lbs.
Ridge Stone Panel	20	49"	24"	14"	68 lbs.
Ridge Stone Corner Panel	16	49"	24"	14"	38 lbs.
Modern Brick Panel – 11"	20	49"	24"	14"	60 lbs.
Modern Brick Corner Panel	18	49"	24"	14"	34 lbs.
Modern Brick Panel – 33"	22	50"	33"	18"	165 lbs.
24 x 48" Stucco Panel	2	51"	27"	3"	15 lbs.
6 x 6 x 24" Stucco Corner	16	50"	26"	3"	30 lbs.
48 x 48" Stucco Panel	5	52"	52"	6"	70 lbs.
6 x 6 x 48" Stucco Corner	16	49"	13½"	24"	54 lbs.
Stucco Trim	16	50"	12"	8"	21 lbs.
6" Post Cover (2pc set)	3 sets (6pc)	49"	21"	12"	36 lbs.
8" Pillar Panel	12	49"	21"	12"	52 lbs.
11" Pillar Panel	12	49"	24"	15"	71 lbs.
24" Pillar Panel	10	49"	30"	19"	110 lbs.
6", 8", 11", 24" Post Cap	-	-	-	-	-
9 x 12" Corbel	18	49"	23½"	14"	23 lbs.
15 x 18" Corbel	18	49"	23½"	14"	54 lbs.
18 x 24" Corbel	12	49"	23"	13"	60 lbs.
Ledge Trim	20	50"	8"	24"	42 lbs.
Edge Trim	20	50"	8"	24"	22 lbs.
Top Trim	40	50"	12"	8"	20 lbs.
Starter Strip	100	49"	6"	6"	32 lbs.
Stone Finish (caulk)	12	12"	8"	6"	13 lbs.

Pallet Dimensions

PRODUCT	BOXES/PALLET	PALLET LENGTH	PALLET WIDTH	PALLET HEIGHT	PALLET WEIGHT
Stacked Stone Panels	24	51"	48"	97"	1050 lbs.
Stacked Stone Corner Panels	24	51"	48"	97"	650 lbs.
Ledge Stone Panels	24	51"	48"	97"	910 lbs.
Ledge Stone Corner Panels	24	51"	48"	97"	570 lbs.
Ridge Stone Panels	12	51"	48"	100"	870 lbs.
Ridge Stone Corner Panels	12	51"	48"	100"	500 lbs.
Modern Brick Panels - 11	12	51"	48"	100"	580 lbs.
Modern Brick Corner Panels	12	51"	48"	100"	540 lbs.
Modern Brick Panels - 33	4	51"	48"	75"	710 lbs.
24 x 48" Stucco Panel	50	51"	48"	100"	780 lbs.
48 x 48" Stucco Panel	14	59"	56"	98"	940 lbs.
6" Post Cover (2pc set)	14	51"	48"	98"	750 lbs.
8" Pillar Panels	14	51"	43"	98"	832 lbs.
11" Pillar Panels	12	51"	48"	92"	792 lbs.
24" Pillar Panels	6	51"	43"	85"	750 lbs.
9 x 12" Corbel	14	51"	48"	100"	1000 lbs.
15 x 18" Corbel	14	51"	48"	100"	800 lbs.
18 x 24" Corbel	14	51"	48"	100"	880 lbs.

Exterior Quality Stone Properties (standard)

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.

Interior Quality Stone Properties (special order)

FEATURE	UNIT	VALUE
ASTM E-84/UL 723	Flame Spread Average: 20	Smoke Density Average: 300
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 1.5" 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 Maintenance

Because of the high-grade coating formulation used in our ClimateShield, Quality Stone products are easily cleaned with clean water and a soft-bristle brush. A garden hose or pressure-washer held far enough away to not cause damage can be used. Do not use anything rough, any chemicals, or anything acidic to clean. This could damage the ClimateShield coating and even the polyurethane. Always trial a small area 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

See Quality Stone Warranty