

QUALITY STONE

SPEC DATA SHEET



SECTION A - General Product Information

Product Name: Quality Stone

Suppliers: **CANADA**
InStone Products
www.instoneproducts.ca

US
Border Products
www.borderproducts.net

Product Description:

Every piece of Quality Stone's product line has been precisely cast off of real stone. All stones used are carefully chosen for their rich texture, shape, and size. Then colors are chosen and added into the process to provide the realistic and rich details of real stone. This technology is combined into an interlocking panel system, making it quick and easy to install. The high density polyurethane used to create our panels, allows for a very lightweight veneer stone panel with the look and feel of real stone. All products have been designed for a wide array of climates and applications. Quality Stone can be applied at any temperature, and can be applied over masonry, wood, metal, and just about any other surface. Whether it is a residential, commercial, or industrial application, our products have been engineered so that no additional structural or foundation support is required.

Quality Stone products are made of 98% closed-cell structural polyurethane and a titanium oxide finish which is highly UV resistant. All products should not be installed at or slightly below grade. This has less to do with the product as it does not wick moisture; but 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 in an underwater environment.

Limitations:

Quality Stone 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. Care should also be taken when installing in an area where a lawn trimmer or a snow blower will be coming in contact with the product.

SECTION B – Product Specifications

DIMENSIONS AND WEIGHT

Product	Dimensions			Weight (lbs)	Box		Pallet	
	Length (in)	Height (in)	Thickn ess(in)		Items/ box	Total lbs	Boxes/pallet	Total lbs
STACKED STONE								
Panels	48	6 1/8	1.5	2.3	16	42	24	1032
Corner Panel	24.5 / 2	6 1/8	1.5	1.4	16	26		
LEDGE STONE								
Panels	48	6	2	2.6	12	36	24	912
Corner Panel	24.5 / 2	6	2	1.4	12	22		
RIDGE STONE								
Panels	48	11¼	1.75	4.5	14	68	14	1008
Corner Panel	22.5 / 2	11¼	1.75	2.4	14	38		
EUROPA STONE								
Panels	48	11¼	1.75	4.5	12	68	14	1064
Corner Panel	24.5 / 2	11¼	1.75	2.5	14	38	24	864
CASTLE STONE								
Panels	48	12	1.5	4.5	14	68	14	994
Corner Panel	24.5 / 2	12	1.5	2.5	14	38	14	952
TILE STONE								
Panels	48	12	1.5	4.5	14	68	12	816
GARAGE PANEL	24(ID)	36	1.5	10.1	4	40	18	720
8" PILLAR PANEL	8(ID)	48	1.5	4.33	12	52	16	832
11" PILLAR PANEL	11(ID)	48	1.5	5.5	12	66	12	792
24" PILLAR PANEL	24(ID)	48	1.5	12.5	10	125	6	750
8" PILLAR CAP	13.5	3	-	2.5	-	-	-	-
11" PILLAR CAP	17.625	4	-	5	-	-	-	-
24" PILLAR CAP	30	6	-	12	2	24	-	-
ELECTRICAL TRIM	6.25	8.25	1.75	0.5	40	-	-	-
FIXTURE TRIM	8	9.75	1.75	1	24	-	-	-
LEDGE TRIM	48	3.5	1-3 taper	1.9	20	44	22	968
EDGE TRIM	48	2.5	2	.9	18	23	44	1012
STARTER STRIP	48	0.5	0.5	.32	100	32	-	-
STONE FINISH (caulk)	10.3 oz	-	-	1.1	12	13	-	-
TOUCH UP KIT (box)	5.5	2	5.5	-	4	1	-	-

COVERAGE

Product	Approx. sq.ft / PIECE	Approx. sq.ft / BOX	Approx. sq.ft / PALLET
Stacked Stone	2	32	768 sq.ft (24 boxes)
Ledge Stone	2	24	576 sq.ft (24 boxes)
Ridge Stone	4	56	784 sq.ft (14 boxes)
Europa Stone	4	56	784 sq.ft (14 boxes)
Castle Stone	4	56	784 sq.ft (14 boxes)
Tile Stone	4	56	784 sq.ft (14 boxes)
Ledge Trim	46" long (1.17 sq.ft)	80 linear feet	1760 linear feet
Edge Trim	46" long (0.67 sq.ft)	72 linear feet	3168 linear feet
STONE FINISH	-	Approx. 100 sq.ft / tube	
PAINT	-	Approx. 300 sq.ft / box	

SECTION B – Product Specifications cont'd

STANDARD BOX and PALLET

Stacked Stone: Panels (42 lbs.). Corner Panels (26lbs.)

Ledge Stone: Panels (36 lbs.), Corner Panels (22 lbs.)

Box Dimension = 50" x 24" x 8"

Pallet Dimension = 50" x 48" x 97"

Pallet = 24 boxes

Ridge Stone: Panels (68 lbs.). Corner Panels (38 lbs.)

Europa Stone: Panels (68 lbs.). Corner Panels (38 lbs.)

Castle Stone: Panels (68 lbs.). Corner Panels (38 lbs.)

Tile Stone (68 lbs.)

Box Dimension = 49" x 24" x 13.5"

Pallet Dimension = 50" x 48" x 100"

Pallet = 14 boxes

Garage Panels (40 lbs.)

Box Dimension = 8" x 37" x 29"

Pallet Dimension = 50" x 48" x 92"

Pallet = 18 boxes

8" Pillar Panels (52 lbs.)

Box Dimension = 49" x 21.5" x 11.8"

Pallet Dimension = 50" x 48" x 98"

Pallet = 16 boxes

11" Pillar Panels (66 lbs.)

Box Dimension = 49" x 23" x 14.8"

Pallet Dimension = 50" x 48" x 92"

Pallet = 12 boxes

24" Pillar Panels (125 lbs.)

Box Dimension = 49" x 19" x 29.5"

Pallet Dimension = 50" x 48" x 85"

Pallet = 6 boxes

Edge Trim (23 lbs.)

Box Dimension = 50" x 11.7" x 8"

Pallet Dimension = 50" x 48" x 97"

Pallet = 48 boxes

Ledge Trim (44 lbs.)

Box Dimension = 50" x 24" x 8"

Pallet Dimension = 50" x 48" x 97"

Pallet = 24 boxes

Starter Strips (32 lbs.)

Box Dimension = 49" x 6" x 5.7"

Stone Finish (13 lbs.)

Box Dimensions = 12" x 8" x 6"

Paint Kits (Touch Up) (1 lb.)

Box Dimensions = 2" x 5.5" x 5.5"

PRODUCT COLORS (standard)

	Dark Brown	Light Brown	Grey	Grey Brown	Black	White
Stacked Stone	√	√	√	√	√	
Ledge Stone	√	√	√	√	√	
Ridge Stone	√	√	√	√	√	
Europa Stone	√	√	√	√	√	
Castle Stone	√	√	√	√		
Pillar Panels/Caps	√	√	√	√	√	
Garage Panels	√	√	√	√	√	
Electrical Trim	√	√	√		√	
Fixture Trim	√	√	√		√	
Ledge Trim	√	√	√		√	
Edge Trim	√	√	√		√	
Starter Strip						√

Finishing Products

The following finishing products are all recommended with the Quality Stone product line. See installation instructions for details on how and when to use.

- Titebond Premium Polyurethane Construction Adhesive – if adhesive is required
- Touch-up Paint Kits – available in all colors
- Starter Strips – 4' lengths
- Stone Finish – Light Brown, Medium Grey, Dark Grey/Dark Brown, Burnt Brown, Black

SECTION C – Technical Data

STANDARD PRODUCT

ASTM E-84 / UL 723	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	R 3.6 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.

*PROTECH CLASS A / CLASS I PRODUCT

(Special Order product. Will have a surcharge. Not tested for Exterior use)

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

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

SECTION D – Installation

Installation Instructions are available at www.qualitystoneproducts.com

SECTION E – Warranty

Warranty information is available at www.qualitystoneproducts.com