

STONEFAÇADE
KAYCAN

STONEfaçade® Architectural Stone Cladding

SKU: 690060

WEIGHT

Approx. 15 lbs/sq. ft. | 3/8" steel rainscreen frame embedded

WARRANTY

20-Year Limited Warranty, Prorated and Transferable Once

COLOURS

4 available

PROFILES

Flat Panel

STONEfaçade® is Kaycan's manufactured architectural stone cladding system — molded from handpicked natural stone with an integrated 3/8" rainscreen in every panel for superior moisture management. Available in 4 colours with 3 pre-mixed panel widths (10", 14", 24"). No mortar, no sealing, no coating required. Covered by a 20-Year Limited Warranty, prorated and transferable once.

Key Features

- {"Manufactured architectural stone veneer — beauty and craftsmanship of natural stone", "Molded from handpicked stone — no two panels look exactly alike", "Integrated 3/8" steel rainscreen in every panel for superior moisture management", "The industry's only fully integrated rainscreen — superior drainage and structural reinforcement", "Easy, fast installation — panelized system with mechanical fasteners", "No mortar required", "No sealing, coating, or painting required", "Performance tested to highest industry standards", "3 pre-mixed panel widths (10", 14", 24") for a natural, random appearance", "Can be installed in any temperature, even below freezing", "Maximum installation height 30 ft above grade", "20-Year Limited Warranty, prorated and transferable once"}

Available Colours

STONE

4 colours



Adirondack Snowfall



Coastal Storm



Harbor Sunset



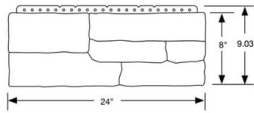
Pocono Autumn

Profiles & Specifications

FLAT

Flat Panel — Architectural Stone Cladding

STONEfaçade® flat panels are molded from handpicked natural stone — no two panels look exactly alike. Available in 3 pre-mixed widths per carton (10", 14", and 24") to create a natural, random appearance. Each panel features an integrated 3/8" steel rainscreen frame that channels moisture away from the wall and adds structural reinforcement against transit and installation impacts.



Length 10", 14", and 24" widths (3 pre-mixed widths per carton)

Height / Width 8" height x 2" average thickness

Panel Weight Approx. 15 lbs/sq. ft.

Coverage 8 sq ft (0.74 m²) per carton

Installation Bottom to top starting with starter strip; stagger vertical joints minimum 3"–5" from previous course; use rubber mallet to seat panels; check level on every panel

* Fasteners: #8 x 1.5" exterior rated wood screws (pan or truss head) — DO NOT USE NAILS. Panels 14" or wider require minimum 3 fasteners; panels under 14" require minimum 2. All fasteners placed in holes in the fastening flange. Leave 1/8" clearance between stone and PVC millwork for expansion.

Certifications & Testing Standards

STONEfaçade® Architectural Stone Cladding meets or exceeds the following Canadian and international performance standards.

- 20-Year Limited Warranty — prorated after year 2, transferable once to first subsequent owner

Compatible Accessories

Starter Strip

4" x 120", 10 linear feet per box
Required for all installations. Snap a chalk line minimum 4" above grade or 2" above paved surface. Position bottom of starter strip on chalk line. Fasten every 8"–10" using #8 x 1.5" exterior rated wood screws. Leave 1/2" gap between strips. For outside corners, hold starter strip back 1/2" from the corner on each side.

Left Corner

Long return 9", 10.5", or 12" x 8" height x 3" short return — 4.5 sq ft per box
Install corners before panels on each course. Alternate corner widths as you work up the wall to avoid alignment of vertical seams. For adjacent-wall applications, use both left and right corners and alternate the long return between walls on each course. Available in Dark Grey, Brown, and Charcoal.

Right Corner

Long return 9", 10.5", or 12" x 8" height x 3" short return — 4.5 sq ft per box
Available in Dark Grey, Brown, and Charcoal.

Stone Sill

24" x 3.25" exposed (3.61" full) — 10 linear feet per box, 15° slope for water drainage
Available in Dark Grey, Brown, and Charcoal. Use color-matched sanded caulk at joints where sills butt together. For shorter windows, center the field cut under the window. When sills will mate at corners, miter sills with the piece lying flat on the saw table. Use side tab screw flanges whenever possible to eliminate sill rocking.

Electrical Box

8" x 8" face — rectangular outlet opening 2.94" x 4.69", single unit
Available in Dark Grey, Brown, and Charcoal. Fits over standard exterior electrical boxes as an ornamental covering. Install using 2 screws on each end. Surrounding panels must be notched around the box. When installing the next course over a box, remove the bevel from the mating area or grind away the top of the mounting box.

Light Box

8" x 11" — circular light opening 4.44" diameter, single unit
Available in Dark Grey, Brown, and Charcoal. Fits over standard exterior light fixtures as an ornamental covering.

Installation Guide

- 1 Substrate requirements: walls must be sheathed with either 7/16" OSB or 1/2" plywood in good condition and properly fastened. Structure must handle stone panel weight of 15 lbs/sq. ft. exclusive of wind or seismic load. Wall must be plumb and flat within 1/4" over 10'. STONEfaçade cannot be fastened over foam sheathing — install OSB or plywood over foam first. Maximum installation height is 30 ft above grade. Maintain clearance of minimum 4" above grade or 2" above a paved surface.
- 2 Housewrap requirements: for exterior applications, install STONEfaçade over a housewrap or weather resistant barrier meeting local building code requirements. CertainTeed recommends CertaWrap™ housewrap and flashing accessories.
- 3 Personal protective equipment: safety glasses or face shield when cutting, NIOSH N95 dust mask (minimum) when cutting or grinding — product contains crystalline silica; gloves (metal inserts are sharp), ear plugs/muffs, long pants and long-sleeved shirt, steel-toed boots, safety harness at heights, hard hat as required.
- 4 Tools required: wet saw (tile or brick saw with continuous rim diamond blade — NOT segmented), electric angle grinder with masonry wheel, cordless impact screwdriver or drill with 7/32" masonry bit (pilot holes) and 3/8" masonry bit (countersinking), 6' level, 12"–16" level, chalk line, tape measure, rubber mallet, small pry bar, tin snips, composite shims.
- 5 Fasteners: use #8 x 1.5" exterior rated wood screws (pan or truss head) for all panel and accessory installation — DO NOT USE NAILS. Screws must be fully threaded with a truss, pan, washer, or flat-surface head that mates with the fastening flange. Recommended: 304, 18-8, or 316 exterior rated stainless; minimum thread diameter 0.159", minimum head diameter 0.306", minimum length 1.5". Use impact driver for easier installation and to avoid stripping.
- 6 Estimating materials: Flat Panels — (wall width x wall height) minus windows/doors = net wall area; divide by 8 for number of cartons; add 10% scrap factor. Corners — corner height (ft) x 1.5 = number of corner panels; add 10% scrap factor. Sills — window width ÷ 2 = number of sill pieces; add 10% scrap. Starter Strip — wall width ÷ 10 rounded up = pieces needed. Allow one tube of color-matched caulk per 500 sq ft.
- 7 Starter strip installation: snap a chalk line at your starting point (minimum 4" above grade or 2" above paved surface). Position the bottom of the starter strip on the chalk line. Fasten every 8"–10" using #8 x 1.5" screws — drive screws tight to wall. Leave ½" gap between strips. For outside corners, hold strips back ½" from the corner on each side.
- 8 Corner installation: install corners before panels on each course. Cut off the rainscreen tabs along the bottom of each corner piece mating with the starter strip. Lock corner into the starter strip and verify level in both directions. Fasten with 2 screws on the long return. Alternate corner widths up the wall to avoid alignment of vertical seams. For inside corners: use flat panels butted together (weave alternating panels from each side), fashion a return with color-matching trim coil, or miter each mating panel.
- 9 Panel installation — first course: cut off the rainscreen tabs along the bottom of each panel mating directly with the starter strip. Position the first panel into the starter strip and butt against corner or trim. Check level on EVERY panel. Fasten to wall using the required number of #8 x 1.5" screws in the fastening flange (3 screws for panels 14" or wider; 2 screws for panels under 14"). Alternate panel widths randomly to avoid alignment of vertical seams.
- 10 Panel installation — subsequent courses: stagger vertical joints at least 3"–5" from previous course by varying panel widths. Place the course panel into the mating groove on top of the previous course and tap into place with a rubber mallet — groove must be free of debris. Check level before proceeding. Step back frequently to check appearance and avoid repeating patterns. Leave 1/8" clearance between stone and PVC millwork for expansion.
- 11 Cutting instructions: use a continuous rim diamond blade (not segmented) on a wet saw — one panel at a time. Place panel face up with insert side down. Clean cut edges by rinsing in clean water after cutting. For trimming and staggered cuts, use an electric angle grinder with diamond or masonry wheel. To cut holes (hose bibs, boxes), use a masonry hole saw, drill with masonry bit, or grinder with masonry blade. When panels are cut or modified and the fastening flange is removed, face-fasten with #8 x 2.5" screws: drill 7/32" pilot hole, 3/8" countersink hole (leave minimum ½" stone behind screw head), drive screw, cover with color-matched caulk. Always wear N95 respirator when cutting — product contains crystalline silica.
- 12 Care and maintenance: clean with soap and water and a nylon bristle brush. DO NOT powerwash — power washing removes color. DO NOT use harsh chemicals or acid products. Avoid salt and de-icing chemicals. Efflorescence (white powdery deposits) can occur naturally — avoid regularly wetting stone with lawn sprinklers as water minerals may discolor the surface.



KAYCAN

Ready to order?

Submit your spec list and we'll respond with pricing and availability - usually within one business day.

WEB

promaterials.ca

PHONE

(905) 836-7272

EMAIL

info@promaterials.ca

ADDRESS

Unit 5, 1235 Journey's End Cir, Newmarket, ON