
A / GENERAL INSTALLATION

Flexible Stone Veneer Installation

Start with the shared installation method. Review relevant application details before work.

For adhesive-bonded flexible stone veneer. Translucent and peel-and-stick products use separate installation instructions.

A / General installation pp. 1-5

B / Applications & details Fireplace p. 6 / Backsplashes p. 7 / Shower walls p. 8
Exterior p. 9 / Existing tile p. 10 / Edge details pp. 11-12 - combine relevant categories.



Layers enlarged for clarity.
Not to scale.

SECTION VIEW

Before you begin

Check that the veneer, substrate and installation system suit the project. Prepare a clean, dry, stable and sufficiently flat surface. Plan openings, seams and corner details before cutting.

Have the essentials ready

Measuring tools and templates; masking tape; suitable cutting equipment; a compatible adhesive and specified applicator; a pressure roller; appropriate protective equipment.

Wet areas, exterior walls and heat-exposed locations require a project-appropriate complete system. Adhesive alone does not establish waterproofing or fireplace suitability.

A / GENERAL INSTALLATION / PREPARE

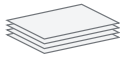
Unpack. Then try the layout.

Check how your sheet size is shipped before cutting or applying adhesive.

1. Check how sheets arrive

2 x 4 ft

Ships flat

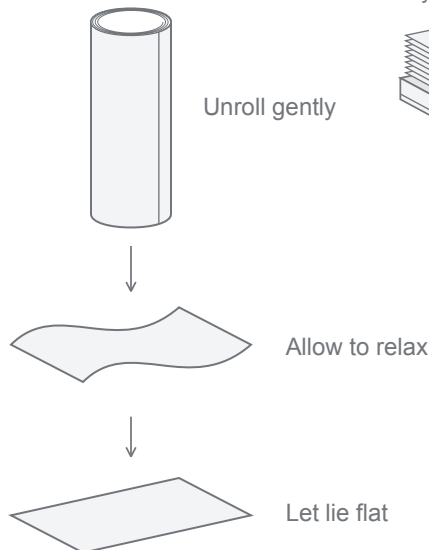


4 x 8 ft / 4 x 10 ft

Small orders: usually rolled

Large orders / LTL

May ship flat



Large sheets usually ship rolled; large LTL freight orders may arrive flat. Unroll only rolled sheets, gently, onto a clean, level surface.

Minor surface flaking is normal when unrolling. Use two people; allow up to 48 hours to relax. Do not force flat.

Installation temperature: above 50°F (10°C). Keep air, substrate and materials within the adhesive manufacturer's permitted range during application and curing.

2. Try the layout. No glue yet.



Arrange diagonal grain in a consistent direction.

Compare the colors and natural patterns. Choose the order you like before cutting or gluing.

No adhesive yet. Each sheet is naturally different; continuous vein matching is not guaranteed.

3. Check the substrate

Prepare a clean, dry, stable and sufficiently flat surface. Correct defects before bonding; confirm compatibility with the selected adhesive.

Choose the relevant detail before work.

Backsplashes: page 7

Shower walls: page 8 / Exterior: page 9

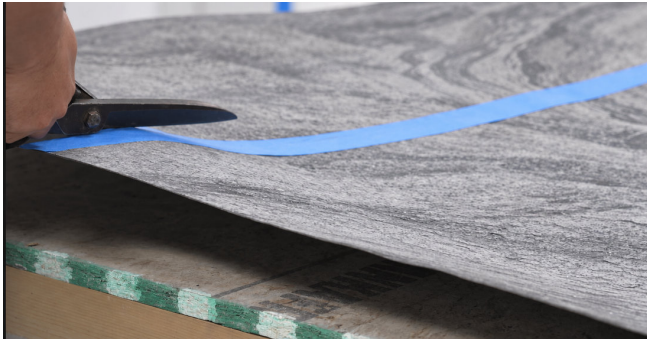
Existing tile: page 10

For a backsplash over tile, use both the backsplash and existing-tile sections.

A / GENERAL INSTALLATION / CUT & BOND

Mark accurately. Bond evenly.

Check the fit before adhesive makes repositioning difficult.



Curved cuts / Heavy-duty shears

For a veneer suitable for shears, take small bites along the taped cut line. Support the sheet; test on an offcut first.

AI-enhanced video image / 1:18



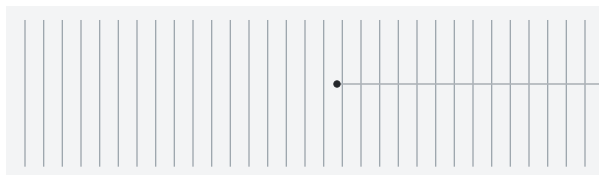
Straight cuts / Track saw

Circular or track saw: use a suitable thin-kerf, continuous-rim diamond blade. Match blade size, speed rating and cutting mode to the saw and veneer.

AI-enhanced video image / 2:13

Before cutting: mark protective tape; support the sheet fully and secure a straightedge or guide. Test on an offcut. Snips are suitable only for compatible thinner / lower-texture decors.

Control mineral dust. Use appropriate eye, respiratory and hearing protection and follow the cutting equipment's safety instructions. Enhanced images are illustrative; refer to the original video for actual footage.



Schematic ridges, not a thick smooth coat. Use the adhesive-specified trowel.

Full-surface troweling

Recommended general method

Apply adhesive for the selected system

Recommended: full-surface notched-trowel application on the surface specified by the adhesive maker. Mask adjacent finishes; follow coverage, open-time and pressing instructions.

Back-buttering: add adhesive to the panel back when required by the system or needed for contact; coating both surfaces is not a universal requirement.

Bead patterns: use only where both veneer and adhesive systems expressly permit the pattern and coverage. Do not improvise sparse grids or spot bonding.

A / GENERAL INSTALLATION / POSITION & CURE

Set with consistent contact.

Work across each sheet systematically, paying attention to seams and edges.



1. Align and hold the first sheet

Position to the layout marks. Keep edges aligned and use suitable temporary support while the adhesive grabs. Test tape on an offcut first.



2. Continue into the curved area

Use two people for large sheets. Dry-fit the curve, check adjoining edges and stay within the veneer's bend limits. Do not crease or force it.

AI-enhanced video images / 3:40 and 4:00. Tape and supports shown are temporary.

3. Press evenly. Then allow to cure.

Use a pressure roller from the center outward to establish even contact and release trapped air. Work systematically across the sheet; check the full perimeter and seams.

Check as you go: alignment, edge contact and adhesive residue. Make permitted adjustments within the adhesive's working time. Clean residue only as directed by its manufacturer.

Before normal use: allow full cure and protect from movement, moisture and stress. An overnight wait does not prove full cure; follow the specified cure and service times.

A / GENERAL INSTALLATION / COMPLETION

See the finished detail.

Use the overall view and close-up together when reviewing the installation.



Complete view + curved detail

The finished arch is shown from top to base, with temporary tape and supports removed. The closer view shows the transition into the curved opening.

1. Review the complete surface

Look across the face and around the opening. Check alignment, pattern placement and a consistent finish where flat and curved areas meet.



2. Inspect the edge up close

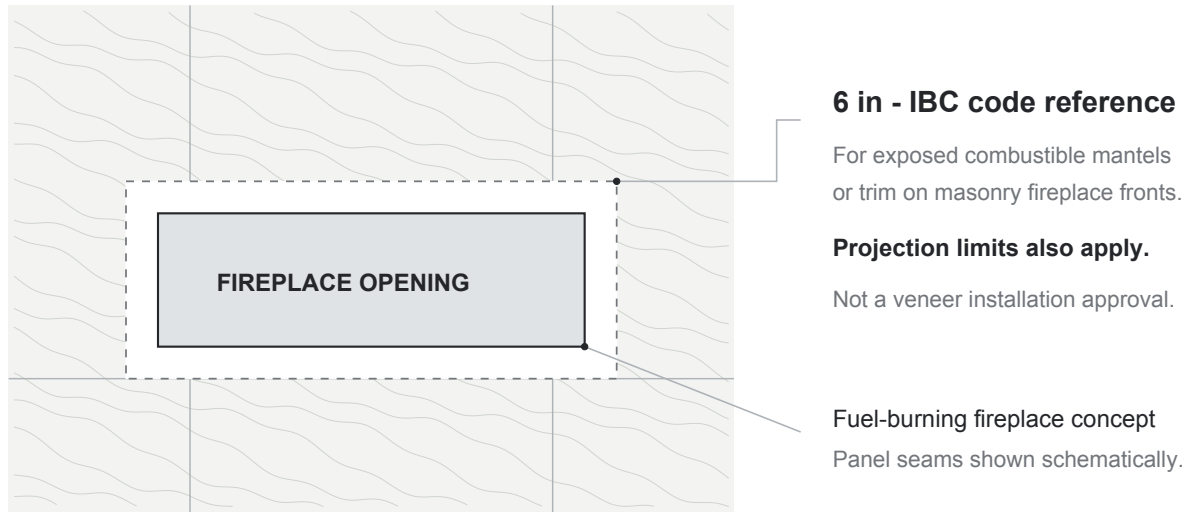
Check cut edges, seams, corners and residue. Inspect for lifted edges or damaged areas before handing over the finished surface.

This video example shows a stone-finished arch, not a metal-trim installation.

AI-enhanced video images / 5:10 overall, 5:15 curved detail, 5:30 close-up

Fireplace surrounds

Add these checks to the general method. Confirm clearances before installing veneer.



Equal reference offsets; not to scale. Hearth and appliance-specific details are not shown.

Finish layout only. The dashed line is not an approved veneer installation boundary.

Surround only. Never inside the firebox.

Use veneer only on surrounding surfaces confirmed suitable for the specific installation. Do not install inside the firebox or where it may contact flames. Keep required vents and service access clear.

Heat resistance is not a clearance rating

STONOVIA lists heat resistance up to 400°F (approx. 204°C). Confirm the selected decor and complete assembly, including backing, adhesive and substrate. This is not a fire rating, direct-flame approval or permission to reduce clearances.

Electric fireplaces: this masonry-fireplace 6 in. reference does not establish electric-appliance clearances. Follow the model's installation instructions, ventilation and heat limits.

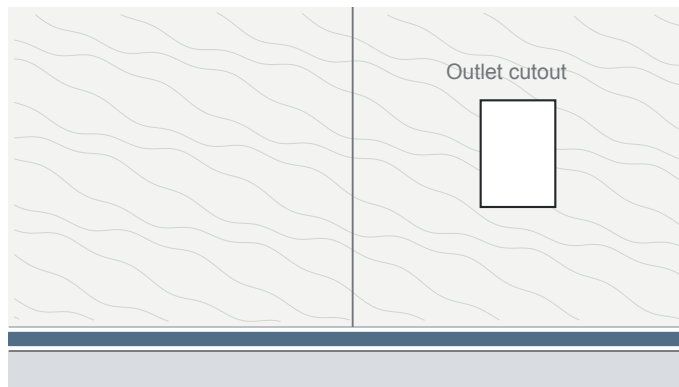
IBC conditions: above the opening, projections within 12 in. are limited to 1/8 in. per inch of distance. Side projections over 1-1/2 in. require additional clearance equal to the projection. Larger clearances and separate hearth requirements may apply.

2024 IBC 2111.12, Exception 4. Have a qualified fireplace installer verify the complete detail and local requirements.

Backsplashes

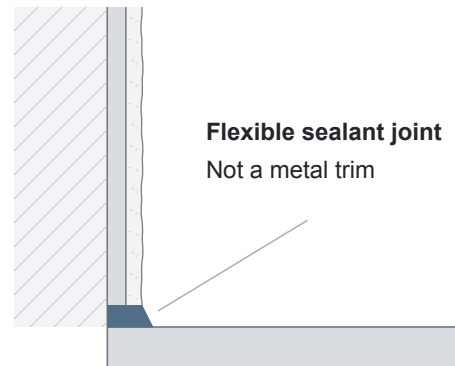
Plan the countertop junction, cutouts and exposed edges before bonding.

FRONT VIEW



Countertop

JUNCTION / SECTION



Size and sealant per project detail.

Concept only. Joint and layer sizes are enlarged; no fixed gap dimension is specified.

1. Clean, measure and dry-fit

Remove grease and residue; confirm a sound, compatible wall. Plan seams, the countertop line, outlet cutouts and exposed edges. For a tiled backsplash, complete the checks on page 10 first.

2. Bond the sheets and finish the junctions

Use the general cutting and bonding method. Preserve the specified movement joint at the countertop and changes of plane; use a compatible flexible sealant as the detail requires. Plan electrical-box adjustments with a qualified electrician.

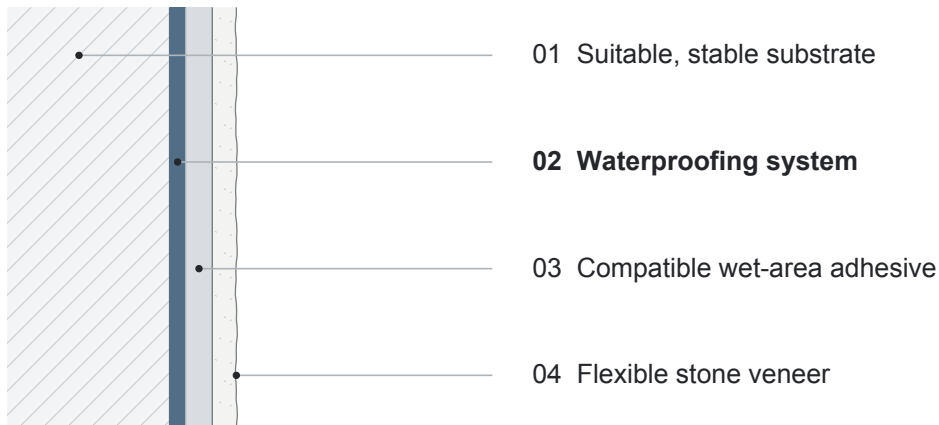
3. Check splash and heat exposure

Choose surface protection and cleaning products for the stone and expected splashes. At a sink, confirm the moisture-protection requirements. Behind cooking appliances, verify appliance clearances and the heat suitability of the entire assembly; do not apply the fireplace 6 in. reference.

A backsplash finish is not a substitute for a required waterproofing system. Test sealers and cleaners first.

Shower walls

Add a complete wet-area system to the general installation method. Walls only.



Concept section only. Layers enlarged; not a system-specific construction detail.

1. Waterproof before the stone goes on

Have a qualified installer select and complete a compatible waterproofing system. Treat corners, niches, wall transitions and pipe penetrations using that system's specified details.

2. Bond to the approved assembly

Full-surface bonding is recommended for shower walls. Confirm compatibility with the waterproofing; back-butter when required to achieve the specified contact. Treat edges, corners and penetrations as detailed. Full adhesive coverage does not replace waterproofing.

3. Apply stone sealer and maintain it

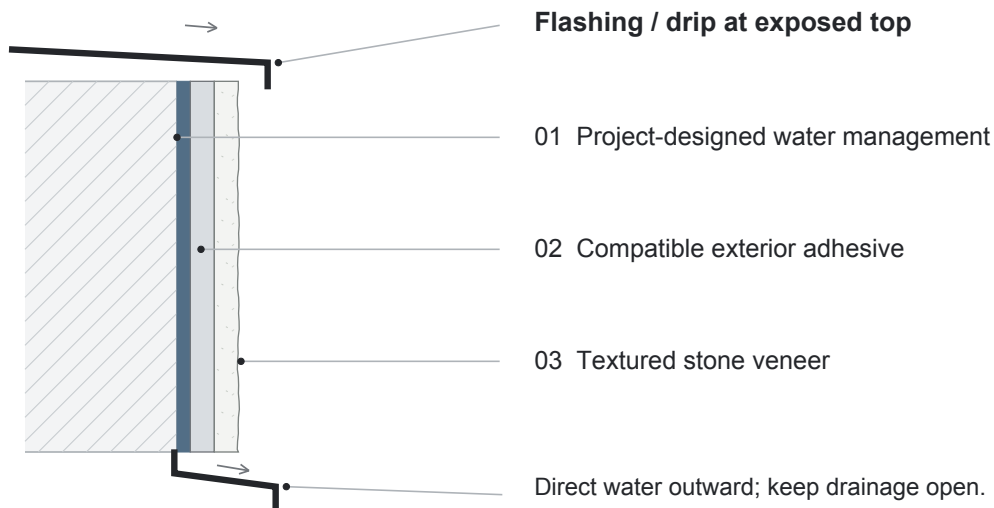
For shower walls, apply a compatible stone sealer (surface sealant) approved for this stone and wet-area use. Test first; follow its application, cure and renewal instructions. Sealer does not replace the waterproofing system.

Pool interiors are not covered. Continuous immersion requires separate approval of the complete system. For showers over existing tile, also see page 10. Shower floors are excluded.

Reference: STONOVIA shower-wall and bathroom guide.

Exterior walls

Design the complete weather-exposed wall assembly before applying the veneer.



Solid-wall concept only. Flashing, membranes and drainage must form an approved assembly.

1. Confirm the wall and exposure

Have a qualified installer or designer confirm the veneer, backing, adhesive and substrate for the site, including rain, sun, temperature changes, freezing where relevant, height and wind loads. Framed walls need their own designed assembly.

2. Resolve water paths and movement

Integrate barriers, flashing and drainage at tops, bases, openings and penetrations. Preserve movement joints. Do not mix a full-bond assembly with a drained bead-bond assembly or obstruct its water paths with crosswise beads. Veneer, adhesive coverage and sealer do not by themselves establish weatherproofing.

3. Bond, protect and maintain

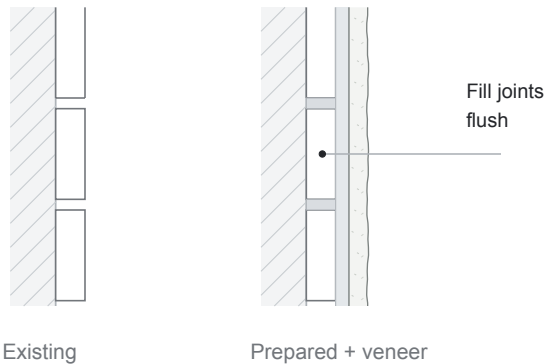
Use only an exterior assembly confirmed for this veneer and site. Follow its coverage and back-buttering requirements; a drained bead pattern is not a generic alternative. Protect during cure; specify compatible stone sealer and maintenance without blocking drainage.

STONOVIA installation guide / LATICRETE exterior-system principles. Concept, not a tested STONOVIA wall detail.

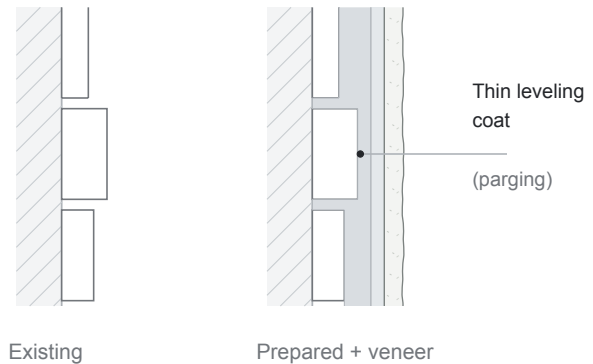
Installing over existing tile

A substrate category: combine this page with the relevant shower or backsplash detail.

A / FLAT, SOUND TILE



B / UNEVEN, SOUND TILE



A: Local filling only. B: Compatible skim coat / parging, after correcting high spots.

1. Confirm the old installation is suitable

Check adhesion and the wall behind the tile. Replace or repair loose and damaged areas; investigate cracks and movement before filling. Resolve moisture problems. Clean off grease, soap, sealers and residues. Veneer cannot stabilize failing tile.

2. Prepare and level the surface

A / Flat tile: fill recessed grout joints and approved stable repairs flush; no full skim coat is needed solely for filled joints.

B / Uneven tile: correct high spots, then use a compatible thin leveling / skim coat (parging), not ordinary cement paste. Follow primer, thickness and cure requirements.

3. Confirm compatibility, then install

Check adhesion with the proposed assembly as directed by its manufacturers. After the prepared surface is ready, follow the general bonding method. Keep required movement joints; account for the added thickness at outlets, trim and adjacent finishes.

Wet areas: verify the existing waterproofing remains suitable. Tile, parging and new veneer do not repair failed waterproofing. Also follow the Shower walls section.

B / APPLICATIONS & DETAILS / 06

Edge details

Plan joints, corners and terminations before cutting. Trims are optional.

PRODUCT / SILVER

TRIM PROFILE

WITH STONE VENEERS

T-Shape Trim

Straight veneer joint



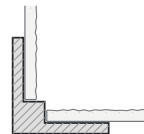
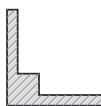
L-Shape Edge Trim

Exposed veneer edge



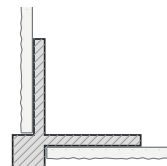
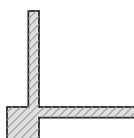
Inside Corner Trim

Recessed corner



Outside Corner Trim

Projecting corner



Gray hatch = metal trim. Pale fill = stone veneer. Trim projects beyond the thinner veneer in these examples. Open ends indicate continuation. Sections enlarged; not to scale. Adhesive and substrate omitted.

Actual veneer thickness varies. Dry-fit the selected veneer and trim; do not force the fit.

B / APPLICATIONS & DETAILS / 06 CONTINUED

Trim finishes & lengths

Choose the finish, then confirm the profile and veneer fit.

Black



T-Shape L-Shape Inside Outside

Silver



T-Shape L-Shape Inside Outside

Champagne



T-Shape L-Shape Inside Outside

Actual product photographs / All four trim styles in each finish. Appearance varies with lighting and display.

Available lengths: 4 ft and 8 ft

48 in. / 96 in. - Black, Silver and Champagne.

Dry-fit the trim with actual veneer offcuts. Confirm veneer thickness and the fixing method before cutting. View trim products.

Inspect and care

Check alignment, bond, edges, seams and cutouts after curing. Remove residue using the product instructions. Test cleaners or sealers on a sample before treating the full surface.

ADHESIVE NOTE

Examples include Titebond Fast Grab FRP for suitable dry-interior porous substrates, and Litoelastic EVO for compatible demanding applications. Fast Grab FRP requires full-back troweling, not sparse beads. Other systems differ. Confirm veneer, substrate and exposure compatibility; follow the current adhesive instructions.



Watch the installation video / Step-by-step guide

Adhesive selection reference / Seam and corner options

Project assistance: contact@stonovia.com