

FOR INTERIOR PROJECTS

What you'll need:

- AirStone Interior Adhesive (*unless adhering to wood, see below)
- Putty knife
- Saw with masonry blade (no teeth)

INTERIORS: Apply an adequate amount of adhesive to the back of the stone (think icing a cupcake, not buttering toast). Approved interior substrates include drywall, brick, tile, stone, stucco, cement board, concrete block, metal. If substrate is painted, paint must be in good condition (peeling, chipping paint will need to be scraped/sanded and cleaned). ***Note regarding wood:** Use a polyurethane construction adhesive when adhering AirStone to wood. Wood will move when exposed to water or to fluctuating humidity, so use discretion as to its suitability as an interior substrate.

FOR EXTERIOR PROJECTS

What you'll need:

- A premium polyurethane construction adhesive.
- Cartridge gun
- Saw with masonry blade (no teeth)

EXTERIORS:

I. For adhering AirStone directly to the exterior of a home or commercial structure

AirStone can be adhered directly to the following substrates: existing exposed brick walls, existing exposed concrete or concrete block walls and foundations, existing exposed stucco walls, existing exposed tile walls. For cement board, exterior-grade wood or any sheathing which is hung from the frame of a home or commercial structure, adhesion problems or stone cracking can arise if the sheathing moves (i.e. can bow, flex, expand or contract), and Baton, LLC is not liable for adhesion or cracking issues if this occurs. In addition, if AirStone is used to bridge across two separate sheathing sheets which then move into different positions from their originally installed position (for example, due to the home settling), then in such a scenario that force could possibly cause the adhesion to fail or the stone (AirStone) to crack, and Baton LLC is not liable for adhesion failure or cracking issues from such an occurrence. AirStone can always be installed using industry accepted metal lath/scratch coat methods of installation for conventional adhered veneer stone.

When using a polyurethane construction adhesive: Apply an adequate amount of adhesive to the back of the stone. NOTE: leave a 1/2" gap between the ground (soil, pavement, steps, deck, etc.) and the bottom row of AirStone to prevent cracking in case of ground swell/settlement.

Helpful Hints

- Alternate piece sizes to break up the vertical seams
- Minimize seams by snugly fitting together the pieces.
- When hanging artwork, etc., we advise creating a pilot hole with a smaller drill bit first. Proper anchoring to the supporting wall is necessary.
- **Backsplashes:** For areas directly exposed to cooking splatter, a high-quality sealant designed for porous stone or concrete may be used, however, we cannot guarantee the effectiveness of various sealants.

For video installation tips, visit airstone.com

IMPORTANT

A carton contains 6 trays. All the stones in each tray are the same color tone, so remove all 6 trays and mix the stones from each tray as you install.

Autumn Mountain:	Spring Creek:	Birch Bluff:
3 trays cream tones	2 trays light gray tones	2 trays pure white stones
1 tray light brown tones	2 tray dark gray tones	2 tray snow white/eggshell tones
1 tray medium brown tones	1 tray charcoal tones	1 tray ivory white/eggshell tones
1 tray dark brown tones	1 tray slate tones	1 tray ghost white/eggshell tones

Preparation

- The wall surface must be flat, smooth, clean, free of dust, dirt, grease, oil, loose paint/wallpaper or foreign matter.
- Only apply to a substrate that is and always will be rigid.
- Read and follow the adhesive instructions regarding temperature limitations and cure times.

General Installation (read and follow specific directions for Interior/Exterior projects first)

- Prior to installation, mix contents of different boxes to assure color consistency.
- Start at the bottom and work horizontally. For fireplaces, it may be advisable to begin above the fireplace opening, then work down from there. Make sure the first row is level, for it will be the foundation for all the other rows.
- The first (bottom) row may need mechanical support until fully cured.
- Press stone firmly and evenly to the wall, allowing adhesive to compress.
- Wipe any adhesive off the face of the stone before it dries.
- AirStone is not intended for any horizontal surface including counter tops, hearths, ceilings, or any surface receiving foot/auto traffic.

Cutting

- Use a saw with masonry blade (no teeth).
- Be sure that the back of the stone is free of saw dust before adhesion.

Clean-Up

- AirStone Interior Adhesive: warm water
- Polyurethane Construction Adhesive: mineral spirits

AirStone is non-flammable and safe to use around typical fireplaces (ASTM E-84, Class-A). When exposed to extreme temperatures (over 360° F), certain lighter tones may be prone to discoloration.

IMPORTANT

1st rule of thumb: If the substrate is not rigid and can move (expand, contract, flex, bow), then the substrate is not an approved backing for AirStone.

2nd rule of thumb: If the wall is exposed to moisture – even if it is an interior wall – use a polyurethane construction adhesive.

3rd rule of thumb: Water will penetrate between the seams of the AirStones, so when installing outdoors or in areas exposed to water, either install on an existing outdoor surface that is weatherproof, take measures to keep the interior of the substrate dry, or otherwise take steps to avoid the accumulation of moisture. Always install according to applicable building codes.

AirStone has been shown to adhere to the listed approved substrates if properly installed. All possible substrates can not be listed. Substrate conditions, temperature, humidity, dust and many other factors affect adhesion, and AirStone's manufacturer, distributors and retailers shall not be liable if AirStone does not adhere to a specific substrate. The adhesive product used (other than AirStone Interior Adhesive when used strictly in accordance with directions), the substrate, the method of adhesion, and the adherence to a specific substrate shall be the sole decision, and responsibility, of the customer. AirStone is not responsible for stones that dislodge from the substrate.

Mandatory Warning: This product contains a chemical known to the State of California to cause cancer. This chemical, crystalline silica, is a component of cement. Cement is an ingredient of AirStone. Do not eat AirStone. When sawing AirStone, provide for adequate ventilation, dust suppression, or controls to keep airborne silica levels below the PEL (Permissible Exposure Limit). A NIOSH approved N-95 Series mask is recommended when cutting AirStone with a power saw.