



Sedistone Installation 7-26

www.sedistone.com

Sedistone is an advanced mortarless Stone cladding product that mechanically attaches to all wall design types using the QS all stainless-steel fastening system. **Sedistone** incorporates a drainage and ventilation cavity behind the stone to allow moisture to drain and the wall cavity to ventilate. **Sedistone's** design also reduces thermal bridging by minimizing the amount of direct connection to the sub-wall. Our fast and simple installation will give you a durable stone cladding product that requires minimal maintenance for many years. Ideally solving durability issues at grade that other siding products are faced with, **Sedistone** partners well with all other siding products.

Tools required



Sedistone requires typical construction tools for construction projects. Safety is always imperative and using proper safety equipment. A diamond masonry blade for a grinder will work for smaller projects while a proper masonry saw will speed up the project for larger jobs.



Safety is always imperative and using proper safety equipment of approved glasses, dust masks, hearing protection and gloves are recommended.

(2.)

Sheathing and wall preparation



Always make sure that the wall you are attaching **Sedistone** to is built according to the local building code and is sheathed with a minimum 7/16 OSB sheathing or ½ inch plywood to support exterior cladding that weighs 15-20 LBS/sq. foot. The key word is sheathing that has “*fastener capacity*” to hold the screws in the QS fastening system. Gypsum and cement board based exterior sheathing products do not have fastener capacity. The sheathing needs to be fastened into the framing studs as per your local building code. Generally, it is using a minimum 2-inch nail or screw every 6 inches on the perimeter of the sheet and every 12 inches on the verticals studs that are spaced 16 inches on center. Try to keep the edges of the sheathing flush with one another.



For walls that require a non-combustible wall it is important to use a sheathing that has the required fire rating and also has an approved fastener capacity rating to support the fasteners attached to it the same way that OSB or plywood performs. There are a few readily available non-combustible and fire-rated sheathings that have fastener capacity similar to OSB and plywood Nocom, Nexgen, FlameBlock, Exacor *examples*. There are also a number of structural insulated panel products (SIP's) that have exterior sheathing that have fastener capacity in both traditional and fire ratings (ZIP-R sheathing, SIS Panels *examples*).

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Protective membranes and flashings



Code approved weatherproof membranes must be installed over top of the exterior sheathing. These need to be installed according to the manufacturer's specifications and properly sealed. All base elevation and above window and door openings need a metal drip flashing installed to direct the water away from the building's exterior.

Once the exterior wall is prepped and the flashings are in place, install the starter/leveling strip with the drainage holes along the wall side. There needs to be ¼ inch separation between the starter/leveling strip and the metal flashing to allow the wall to drain out of the bottom of the starter/leveling strip.

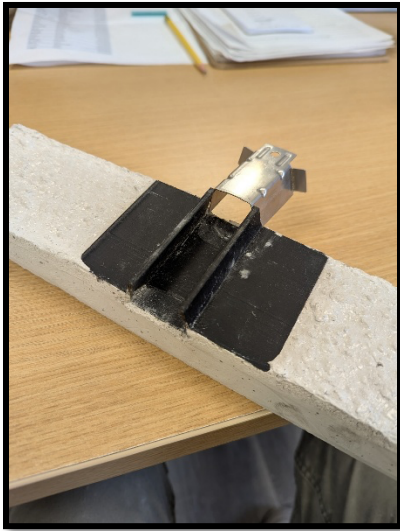
We also highly recommend installing a layer of 15 LB perforated black felt paper over top to the weatherproof membrane. This will black-out the wall cavity behind the stone.

Stone preparation



Sedistone is produced and packaged in multiple units of 4-inch heights and lengths of 8/10/12/20. Each piece has finished ends to make corners by overlapping the units. Be selective to ensure that you get a great looking finished corner. We recommend laying out a few pieces of the various stone units and plan your corner and wall areas.

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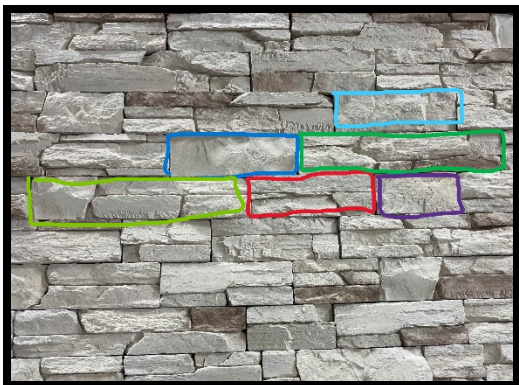


Slight color variations happen periodically in manufacturing. Pull stone units from 4-5 different boxes simultaneously as you start to install the stone onto the wall. This ensures that you get a good color mix on the wall.

The dovetail QS spacer is inserted into the backside of the stone units. Using the QS Stainless-steel clips squeeze the open ends and start to push them into the dovetail. This will fit snug, once inserted, set the stone onto the starter angle and attach to the wall with the provided stainless-steel screw. Repeat this process as you build your wall starting at the corners and working into the wall. The Sedistone is designed to be installed bi-directional meaning it can flip and have the clip installed from either direction. This eliminates repetition that some of the larger panels have only able to be installed in 1 direction.



While installing the stone units, it is important that you do not align 2 vertical joints of the stone. With the 4 different lengths, it is easy to either cross over the joint below or lay a shorter piece to allow the next unit to cross over the joint below.



Ideally, most cutting to lengths will happen at the sides of doors and windows. When reaching a window or door opening or making a finished cut to complete a row it is important to have the cut end away from the opening and have manufactured finished ends along the sides of doors and windows.

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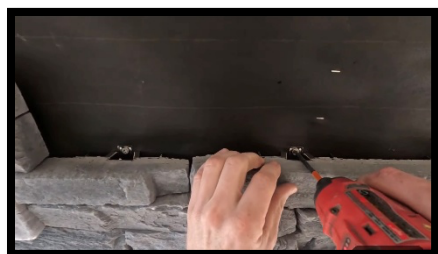
Trimming stone units



When reaching the lower sash of a window or trimming heights to course evenly above a window and door opening, **Sedistone** is easily ripped to different heights. Sometimes if the height difference is less than 2 inches, a metal flashing is better suited to align the coursing.

Once ripping the stone units to height, insert the clip and attach the units to the wall. **Pro-Tip**, the cut edge will differ slightly in color/texture, use your eye and install the cut side downwards below eye level and install the cut side upwards above eye level.

Finishing the wall



Whether terminating the stone install as a wainscoting or continuing up to the soffit, the stone units get fastened to the wall.

For wainscoting, we offer different sill versions that can be used on window and door openings and as a defined termination point when transitioning to other types of siding products. If continuing up the wall, either caulking joints between the stone and soffit J-trim which is a simple detail or installing a Frieze Board detail is another way to terminate into the soffit area.

Refer to our installation videos for further information.