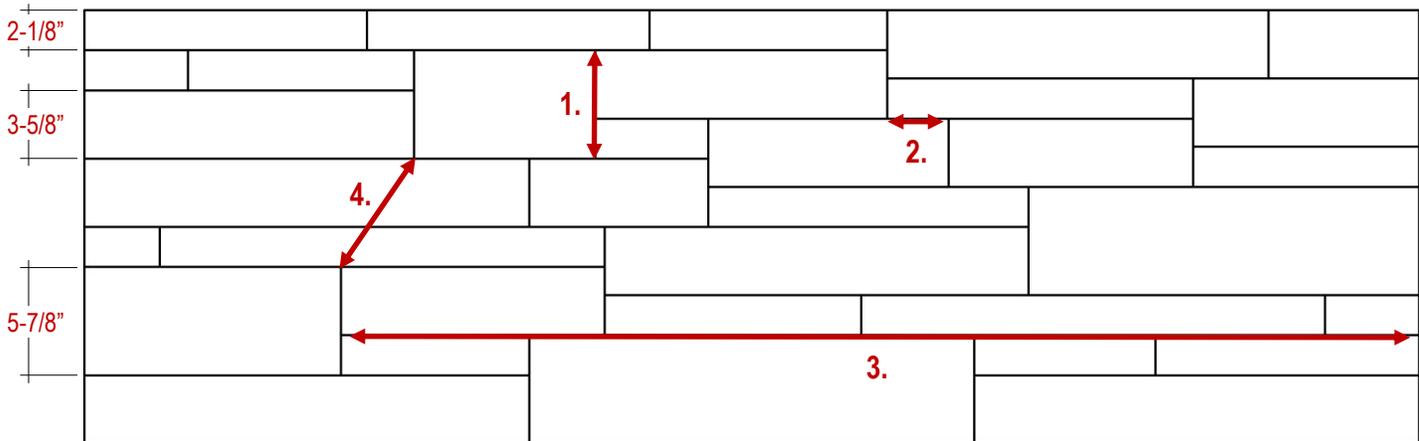


# Stack Thin Building Stone

Typical Elevation • 30:55:15 Bond • No Mortar Joints



## Guidelines for Installation:

1. A 2-1/8" and 3-5/8" unit combination will bond with one 5-7/8" unit.
2. Maintain a minimum 4" between vertical joints.
3. Maintain a maximum 4-5 foot horizontal joint length.
4. To maintain the standard ratio of sizes in the wall, 5-7/8" units should be placed approximately 1-1/2 to 3 feet apart. 5-7/8" units should not touch each other.
5. The units are installed with tight joints but will have small gaps in the horizontal and vertical joints to accommodate manufacturing and installation tolerances. Hard plastic shims should be used to accommodate these tolerances and to maintain level while bonding mortar cures. Arriscraft can provide 1/16" and 1/8" hard plastic shims to assist with installation. Pieces of wood, cardboard, jobsite debris, etc. should not be used for shimming.
6. Cut full-length units to shorter lengths. Randomness in the lengths creates randomness in the pattern. Installing all full-length units will create the need to stack units or create boxes which should be avoided as it creates noticeable aesthetic structure where there shouldn't be any.

## Avoid:

- Stepping or stringing together more than 2-3 units of the same height.
- Creating box patterns in the wall.
- Stack bonding.

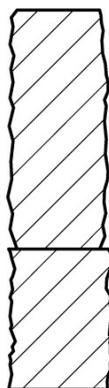
CODE	SIZE	UNIT LENGTH	PIECES* PER 100 FT <sup>2</sup>
STA21	2-1/8"	Up to 23-5/8"	86
STA35	3-5/8"	Up to 23-5/8"	92
STA57	5-7/8"	Up to 23-5/8"	15—16

One Piece is based on a 23-5/8" length and may be comprised of 2 or more individual stones.

# General Installation Guidelines

- Refer to the Arriscraft Thin-Clad Installation Guide that is applicable to your installation type for selection of other materials such as mortar and waterproofing. Installation Guides are available for both exterior and interior installations.
- Ensure 100% coverage with mortar on the substrate and backs of the units so no voids exist within the mortar. Periodically check for 100% mortar coverage by removing eight stone units from the wall per bag of mortar used. Reinstall unit by pushing it back on the wall where it was installed.
- Scrape excess mortar from tops of the installed units to ensure the installation remains clean as it is being installed.
- We recommend the use of a v-notch trowel to apply thinset to the substrate to butter the wall. This will prevent excess mortar from squeezing out between the stones. Fully cover backs of units with mortar as well prior to placing units in the wall.
- Cut and trim units as required as units are being installed to ensure units bond together. The use of a dust mask is recommended. When cutting units, unit length should never be less than the height of the unit.
- Use shims to ensure the install is level and maintains the bond. Use a 4'-0" level periodically to check that the installation is level and relatively plumb.
- After installation of the units and the mortar has started to cure, any excess mortar and dust should be brushed from the masonry surface using a bristle brush. Avoid rubbing or pressing the mortar into the units.
- Shipped material includes a percentage of shorter random length/fragmented units which can be used by the installer around openings such as windows and doors, to create the random ashlar bond pattern, or in internal corners where two walls meet. Some units may need to be field trimmed or guillotine split to ensure units fit snugly together.
- Refer to additional guidelines on the BASIC Thin-Clad CARE sheet.

## Joint Profile:



TIGHT

MAY 2020