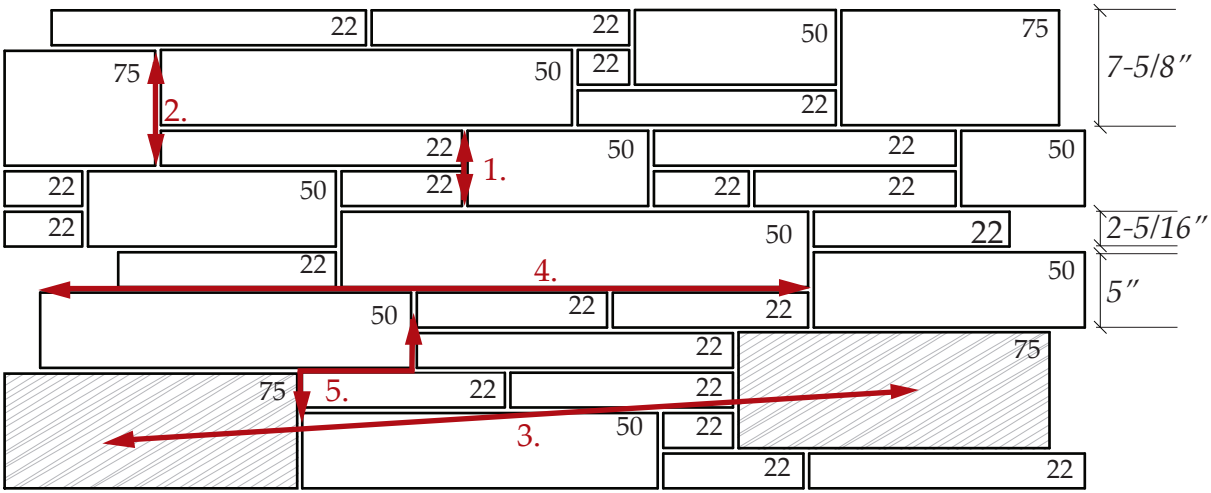
Shadow Stone® Building Stone

Typical Elevation • 30:50:20 Bond • 3/8″ Mortar Joints



Guidelines for Installation:

1. Two SHA22s laid on top of each other will bond with one SHA50.
2. A SHA22/SHA50 combination will bond with one SHA75S.
3. To maintain the standard ratio of sizes in the wall, SHA75S should be placed approximately 2 feet apart. SHA75S units should not touch each other.
4. Vertical joints are generally formed with a combination of three units. Maximum vertical joint is 7⅝″.
5. Minimum 4″ overlap of vertical joints.

Size	Pieces per 32 sq.ft.	Nominal Length of one Piece
SHA22	21 pcs.	24″
SHA50	13 pcs.	32″
SHA75S	5 pcs.	24″

Avoid:

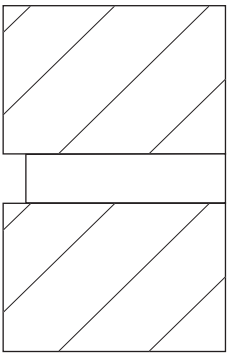
- Stepping or stringing together more than 2 units of the same height.
- Creating box patterns in the wall.

ARRISCRAFT™
INTERNATIONAL
BUILDING STONE • BRICK • LIMESTONE
General Shale Brick
Building The American Dream®

General Installation Guidelines

- Arriscraft recommends the use of a Portland cement-lime mortar, proportioned to a 1:1:6 ratio.
- Masonry units should be laid with full head and bed joints except where they are used for weep holes or ventilation.
- Bevel mortar from rear face to prevent protrusion into cavity.
- Prevent excessive mortar droppings by cutting off excess mortar with trowel as the units are laid.
- Butter head joints of unit being placed in wall.
- Place unit to tightly compress mortar.
- Do not re-adjust unit once it has been set in place.
- Tool joints when mortar is thumbprint hard. This timing will depend on the mortar properties and weather conditions.
- Tool joints to a tightly compressed surface to achieve the most weather resistance. Concave tooled joints provide the best resistance to moisture penetration.
- After tooling, any excess mortar and dust should be brushed from the masonry surface using a soft bristle brush. Avoid rubbing or pressing the mortar into the units.
- Refer to additional guidelines on the BASIC CARE sheet.

Joint Profile:



RAKED

August 2010