



Stone Installation Guide – Outdoors Dry-Stack (jointless)

1. **Estimate stone required:** One carton of JR STONES stone veneer covers 10 sq ft or 6 linear ft. Stone is also sold in bulk on skids, each skid covering 140 sq ft or approximately 54 linear ft, depending on model chosen ('Urbaine' model shipped in cartons only). JR STONES products are not suitable for use on any area subject to foot traffic.
2. **Tools required:** ceramic cutter or steel saw with round carbide blade, notched trowel (for spreading mortar on wall).
3. **Material requirements:** Premixed Type N Mortar, Metal Lath (1.25 gauge or 2.5 lb galvanized diamond mesh), No. 12 galvanized screws, and 15 lb asphalt paper if required.
4. **Recommended surface:**
 - 4.1. Rigid backwall: drywall, plywood, aspenite, or other acceptable rigid backwall
 - 4.2. Concrete or masonry surface: concrete (e.g. foundation), masonry, cement board, stucco (surface must be sound and free of any substance which reduces adherence such as paint, oil, etc.).

NB: If required by your local building code, install furring strips behind rigid backwall 16 inches on center in order to create an air space.
5. **Surface preparation:**
 - Rigid backwall: install asphalt paper followed by metal lath, fastening with galvanized screws.
 - Cement board: finish joints (metal lath not required)
 - Other concrete or masonry surface: no preparation required

IMPORTANT: FOR AGGREGATE SURFACES, AGGREGATE MUST BE REMOVED AND RIGID BACKWALL MUST BE INSTALLED BEFORE PROCEEDING.

6. **Installation:**
 - 6.1 Prepare Premixed Type N Mortar by adding water, according to manufacturer's instructions. Mix to a firm, moist consistency.
 - 6.2 Using plasterer's or mason's trowel, apply mortar 1/2" to 3/4" thick to prepared surface area. Do not spread more than a workable area (5 to 10 sq ft) so that mortar will not set before stone is applied.
 - 6.3 Apply mortar to entire back of stone. Press each stone into mortar bed at least 1/4" above intended position. Slide stone down into its final position using side-to-side movements. Make sure mortar fills any small spaces between stones.
 - 6.4 If application requires corner pieces, apply these first. Alternate short and long leg of corner pieces.
 - 6.5 After corner pieces are in place, flat pieces are applied working toward wall center.
 - 6.6 Stone may be trimmed in order to create narrower spaces and straighter lines.
 - 6.7 Let dry.
 - 6.8 *Mixing stones from different boxes or skids during application will ensure a desirable balance of shapes and colours.*

7. Cleaning finished job

Never use metal brush, acid or acid-base products for cleaning. Do not use wet brush on joints to avoid staining. A wet nylon brush with mild detergent may be used on stone.

NB: a POLYMER MODIFIED THIN-SET MORTAR may also be used to apply stone to surface.