

**EarthStone**

*zero waste, infinite beauty*

## EXCAVATION / SUBGRADE

The area to be excavated should be 12 inches wider than the outer limits of the granite pavers.

This will provide a firm base to support the edge of the pavers and edge restraint.

Make sure the depth to be excavated is measured from finished pavement surface elevations and appropriately marked on grade stakes. PHOTO #1

The bottom of excavations, below finished pavement elevation, should equal the total thickness of the designed base, sand bed (after paver installation and compaction) and the 1-1/4 inch Earthstone paver being used.

When all excavation is completed, compact the subgrade with a vibratory plate compactor. Make sure that compaction is thorough, uniform and complete. PHOTO#2

The use of a geo-textile material will add stability to your installation. PHOTO # 3

## BASE

The base should be spread in layers of uniform thickness then compacted. While compaction is a key to performance, it is essential if the pavers are to be used on a driveway application. The 3-6 inch base for patios, walkways and pool decks may be placed in two to three layers and compacted with a vibratory plate compactor with 5,000 foot pounds of force or greater. The 6-8 inch base for driveways may be placed in two batches of 3 inches only if a vibratory roller is used. Be sure to thoroughly compact along edges, in corners and around structures.

PHOTO #4

## EDGE RESTRAINT

Edge restraints must be installed on the part of the pavement edge that is not restrained by an existing structure. ie. A building, concrete curbing or slab.

## SAND SETTING BED

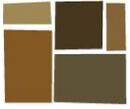
Loosely screed the concrete sand to a uniform thickness of 3/4 of an inch over your compacted base. The sand should never be thicker than 1 inch thick. Do not compact the sand bed before laying Earthstone Pavers. PHOTO #5

## CUTTING PAVERS

Earthstone Pavers may be cut using a guillotine splitter, masonry saw or hand held angle grinder with a diamond cutting surface. PHOTO # 6

## COMPACTION AND JOINT SANDING

After installing Earthstone Pavers in the desired pattern, pull a string line that is parallel to the building or edging. This will give you a baseline to follow throughout the entire job. With an assistant, pull the string line at every other joint to check for alignment. Some straightening of the pavers will be necessary due to the old world manufacturing process. Use a plate compactor with a force of 5000 ft lbs. Or more. Start on the edge of the pavement and compact the



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perimeter, then compact in overlapping rows on the rest of the pavement. Compact all pavers again going in the opposite direction. Do not compact within three feet of any area that is not restrained. If any of the pavers need to be straightened, use the string line method. Using a backpack blower, blow off any sand that may have gotten onto the surface. You will need to leave at least one inch of depth between the top and bottom edge of the pavers. This will allow for full penetration of the polymeric sand in the joints. Polymeric sand must be used for proper installation of these pavers. Install according to manufacturers guidelines. PHOTOS # 7-8-9

## SEALERS AND ENHANCERS

The beauty of Earthstone Pavers is in the multitude of textures and color pallets of the different granites used. There are numerous sealers and enhancers available on the market today that will make the colors appear even richer. Contact an Earthstone Dealer near you for more details