

# Installation Guidelines

## Pavers Dry-Laid

### EXAMINATION

- » Verify that:
  - Sub-grade preparation, compacted density and elevations conform to specifications.
  - Geotextiles, if applicable, are according to specifications.
  - The aggregate base material, thickness, compaction, surface tolerances, and elevations are according to specifications.
  - Location, type, installation and elevations of edge restraints around the perimeter area to be paved.

### INSTALLATION

- » Spread the bedding sand evenly over the base course and screed to a nominal thickness of 1", no exceeding 1.5". The screeded sand should not be disturbed. Screed sufficient sand to stay ahead of the laid paving stones.
- » Ensure that paving stones are free of foreign materials before installation.
- » Lay paving stone in the pattern specified and maintain straight pattern lines.
- » Ensure consistent joints between paving stone; 1/16" to 1/8" wide.
- » Fill any gaps at the edges of the paved area with cut paving stones or edge materials. Units cut no smaller than one-third of a whole paving stone are recommended along edge areas subject to vehicular traffic.
- » Utilize a power-driven masonry saw for cutting pavers.
- » A low-amplitude, high frequency plate vibrator should be used to vibrate the paving stones into the sand bed.

Selecting Size or Compaction Equipment	
Paver Thickness	Minimal Centrifugal Compaction Force
2 3/8"	3000 lbs.
3 1/8"	5000 lbs.

- » Vibrate the paving stones, sweeping dry sand into the joints and continue vibrating until the joints are full. This may require at least two or three passes with the vibrator. Do not vibrate within 3 feet of unrestrained edges.
- » All work done within a day should be fully compacted with sand-filled joints to within 3 feet of unrestrained edges.
- » Excess sand should be swept over the surface of the pavingstones when the job is complete.
- » The final surface elevation of the pavingstones should not deviate more than 3/8" under a 10 foot straightedge.
- » The final surface elevation of the paving stone should be 1/8" to 1/4" above adjacent drainage inlets, concrete collars or channels.