



Paver Installation Guide

Step One	<p>Before excavating the area for your new paver installation, check with Dig Safe to ensure that digging will not damage underground wires or pipes. Mark the area to be excavated (depth for patio/walkway is approximately 10"). The area to be excavated will be 6" wider around the entire area to be paved. This will provide room for a 6" compacted gravel base, 1" bedding sand, and 2 3/8" pavers. Once you excavate to the proper depth, inspect for organic material, rocks, roots or debris. This material should be removed, and replaced with gravel material. Also, any free standing water saturating the soil should be removed and these low, wet areas should be stabilized with a layer of crushed stone.</p>
Step Two	<p>Compact your soil subgrade using a flat plate vibrator compactor (available for rent by the day or week). Work in a circular motion compacting the area at least twice. Add a layer of stabilization fabric (SS5 Fabric) so the gravel does not migrate south into the organics of your subsoil.</p>
Step Three	<p>For patios and walkways, minimum base thickness is 6" compacted. Begin adding your gravel material and compacting in 2" lifts. Once your 6" of material is in place and compacted, check the finished grade. It should be hard enough not to allow the bedding sand to migrate into it.</p>
Step Four	<p>Add the bedding sand to the compacted area and screed to 1" thickness using 1" diameter pipes and a screed board (a 2" x 4" will also work). Place your paving stones according to your chosen pattern. Use chalk lines snapped on the bedding sand or string lines pulled across the surface of the pavers as a guide to maintain straight lines.</p>

If you have any questions, call or stop by either of our two locations.

603-749-9797 or 603-431-0088

Step Five	Cut pavers should be used to fill gaps along edge restraints. They can be cut using a masonry saw or a hydraulic splitter (available for use at LandCare in Madbury).
Step Six	After all pavers are set in place, add your edge restraint. The edge restraint will provide lateral resistance to keep your pavers from separating. Place your edge restraint on the compacted gravel base, not on the bedding sand layer. Secure the edging with 10" spikes placed every foot and a half.
Step Seven	Use the plate compactor to set the pavers into the bedding sand before adding the polymeric sand. Always make sure to use either a plate compactor pad or a piece of carpet or plywood between the compactor and the pavers to avoid scratching them.
Step Eight	Polymeric sand will then be spread over the paved area and swept in the joints. Run the compactor over the area. Repeat this process until the paver joints are full. Finally, sweep the area of excess polymeric sand and use a leaf blower to lightly blow off any remaining fines before watering. Always be sure to check with the manufacturer for specific instructions on watering, temperature, and setting times.
Step Nine	Once the pavers have been installed, you can enjoy them for years to come. If you happen to get a stain on your patio or walkway, talk to one of our sales representatives about specialty cleaners and sealers available.

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