

# Golpla® Installation Guide

## For Stone Filling



System:	The surface stabilisation can be maintained using Golpla® Max paver, according to site conditions.
Size (Cover):	Golpla®: 640mm Long x 330mm Wide x 38 Deep
Base Preparation:	The base construction must have sufficient strength to withstand the maximum bearing load likely to be applied, even in the wettest of conditions. A typical construction may consist of a 250mm layer of well-compacted graded crushed stone (NOT MOT Type 1). MOT Type 3 as described in Specification for Highway Works Clause 805 is suitable. Consideration should be given to the use of a Geotextile membrane laid underneath the stone.
Bedding:	A layer of coarse grit and sand approx 30mm thick should be laid on top of the stone to provide a firm flat bedding for the Golpla®.
Laying:	<p>Lay the pavers starting at the beginning of the site in the left hand corner with the paver locking tables facing forwards and to the right. Continue laying the pavers making sure that each is interlocked into its neighbour. Stand on the laid pavers when laying the next row. For fitting around obstructions, the pavers can be easily cut with a handsaw or power cutter. Cut pavers should be nailed down using Golpla® nails. The whole area should be consolidated either with a vibrator or small roller. Continue the consolidation until approx. 10mm of the sharp sand bedding later migrates through the fill the bottom portion of each paver cell.</p> <div data-bbox="598 1242 1273 1515" data-label="Image"> </div> <p>Leave a 25mm to 50mm expansion gap around the perimeter of each gravel filled installation. The gap shall be filled with the same gravel used as infill. If there are kerb lines within the body of the installation then the same expansion gap shall be included.</p>
Pinning:	As stone-filled Golpla® does not have the benefit of grass roots to bind the installation together, the use of Golpla® nails is recommended. In all installations, as a minimum, the perimeter pavers over which traffic traverses should be pinned down, and pins should be inserted randomly at the rate of 3 pins per 2m <sup>2</sup> across the body of the pavers. Please refer to Geosynthetics Ltd for advice on pinning in respect of gradients steeper than 1:20 (5%).
Filling:	Stone used for filling should be free draining 6-10mm angular stone. Once the installation has settled, this material will have locked together and will not move. For this reason, the use of 'pea' gravel should be avoided.