

TURFSTONE™

Permeable Pavers



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TURFSTONE™

Erosion Control

Turfstone™ offers specific and distinct advantages controlling erosion of, and giving soil stabilization to: slopes, embankments river and low flow channels, flood plains and the shore lines of inland rivers, dikes, creeks, lakes, ponds and reservoirs, where there is no extreme wave action.

Scenic Parks

It is often necessary to provide the emergency and maintenance routes through green-space, parkland and institutional complexes. Because Turfstone™ paving enables the traffic to go where the grass grows, it is a suitable product for fire routes which, because of landscaping considerations, must remain greenspace.

Composition & Manufacture

Turfstone™ is made from a no-slump concrete mix. Made under pressure and high frequency vibrations, Turfstone™ has a compressive strength of (6000 psi), a water absorption maximum of 5%, and a freeze- thaw resistance equal to Section 8 of ASTM C 67-73.

Installation for Erosion Control

Erosion Control applications require the slope to be graded uniformly (ideally to a 2:1 or gentler slope) before bedding Turfstone™ in a thin layer of sand. To prevent migration of the fine granular material it may be necessary to place a man-made filter cloth on the graded slope before applying the sand. The filter fabric should permit revegetation. To support plant growth the openings must be filled within 1/2 in. (15 mm) of the surface with suitable topsoil or mixture of soil and fertilizer and then seeded, sprigged or plugged.

Residential & Commercial Pavement Install

For residential applications remove soil to a depth of approx. 4 1/2 in. (105 mm). Wet and compact area with a tamper or vibrator. Spread clean sand to a depth of approx. 1 - 1 1/2 in. (25-35 mm) and screed level. Set Turfstone™ and seat with tamper uniformly level. Follow erosion control revegetation procedures. For commercial pavement excavate unsuitable, unstable or unconsolidated subgrade material and compact the cleared area. Backfill and level with dense graded aggregate suitable for sub-base material (typically 4-10 in.) or as otherwise directed by Site Engineer/ Architect/Landscape Architect. Place bedding course of sharp, normal weight concrete or screening sand to a depth of approx. 1-1 1/2 in. (25-38mm) leveled to grade. Install Turfstone™ and seat with tamper or vibrator uniformly level and free of movement. Follow erosion control revegetation procedures.

Overflow Parking

Turfstone™ reinforces grassy areas subjected to wheeled traffic that would otherwise become so compacted as to inhibit the permeability of the soil structure that is necessary for the grass to survive. The hard surfaced green space created by Turfstone™ paving system is an ideal overflow parking facility for parks, historical sites, institutions, university and school campuses, golf courses and any location where public parking periodically peaks extensively beyond everyday needs.



Size: 23 5/8" x 15 3/4"
Thickness: 3 1/8" (80 mm)
Weight: 58 lbs.
40% open Apertures
Units/Pallet: 48
Sq. Ft/Pallet: 122

TYPICAL CROSS SECTIONS & PATTERNS

