

Base Course Recommendations for Gravelpave2:

Passenger vehicles & light trucks - 8” minimum base,

Utility truck and fire lanes - 10” minimum base.

*Base depth thinner than this must be approved by site engineer.

Recommended Base: Sandy Gravel material from local sources commonly used for road base construction, passing sieve analysis below.

Sieve	%Passing
1”	100
3/4”	90-100
3/8”	70-80
#4	55-70
#10	45-55
#40	25-35
#200	3-8

Base material consisting of lime rock should be mixed with well-draining sand (ASTM C-33) at 30% to ensure long-term permeability.

Acceptable alternate base: AASHTO #57 stone mixed with clean, sharp sand (ASTM C-33) at a rate of 70% stone to 30% sand for full depth of base.

Compaction: Place base course material over prepared sub-base to grades shown on plans, in lifts not to exceed 150 mm (6”), compacting each lift separately to 95% Modified Proctor. Leave 25 mm (1.25”) for Gravelpave2 unit and gravel fill to Final Grade. This can be slightly deeper if you want the Gravelpave2 slightly recessed to prevent gravel fill migration.

Gravelpave2: Place, snap together and trim Gravelpave2 to fit area. Units can be easily shaped with pruning shears or knife by cutting the grid between rings (DO NOT cut rings). Anchor Gravelpave2 with supplied anchors – 6 anchors per square panel.

Gravel Fill: “Back dump” gravel fill into the Gravelpave2 rings, driving over ONLY filled rings. Evenly spread fill in rings. Compact the fill into the rings as necessary using a small vibrating plate compactor, leaving no more than 0.25” of fill over the rings.



V4.1



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