

06030 Unit Paving**Index**

06030-1	General	2
1.1	Work Included	2
1.2	Examination	2
1.3	Layout Work	2
1.4	Testing	2
06030-2	Products	2
2.1	Unit Pavers	2
2.2	Granular Particles	2
06030-3	Execution	3
3.1	Construction of the Base Course	3
3.2	Paver Installation	3

06030-1 General**1.1 Work Included**

This Section covers the supply and placing of unit paving required for the work.

1.2 Examination

Examine the work of other Sections upon which the work of this Section depends and correct any defects that exist before the work commences.

1.3 Layout Work

All work shall be laid out by the Contractor who shall be fully responsible for the accuracy thereof.

1.4 Testing

Testing shall be carried out as indicated in General Conditions.

Test may include a Standard Proctor Density.

06030-2 Products**2.1 Unit Pavers**

Pavers set in sand shall be as specified on the detail sheet and Drawings

Pavers shall have a minimum compressive strength of 50MPa and a maximum water absorption of 5%.

2.2 Granular Particles

Bedding Sand shall be normal weight sand meeting the gradations listed in Section 03001-3.2.11 "Bedding Sand". Masons sand or dune sand are unacceptable.

Specifications for base course aggregate are contained in Aggregates Specifications Section 03001-3.2.2.

06030-3 Execution**3.1 Construction of the Base Course**

1. The finished subgrade shall be approved before placement of any base course.
2. The base course shall be spread in layers which, when compacted, will not exceed 150mm.
3. The base course shall be compacted with suitable compaction equipment that will ensure a minimum 98% of ASTM Designation D1557.
4. The base course shall be shaped to grade and cross-section with an allowable local tolerance of 15mm.

3.2 Paver Installation

1. Spread sand to ensure a 25mm depth of the sand bed after installation of unit pavers.
2. Avoid walking on screeded surface.
3. Install pavers true to grade and free of any movement.
4. Verify paver patterns with Project Manager prior to installation.
5. Begin installation from a base line for pavers laying pavers directly on the screened sand in the patterns indicated.
6. Joint between pavers and edges should be as shown on the detail sheets and drawings to achieve the design pattern shown.
7. Where required, cut paver units to fit accurately, neatly, and without damaged edges.
8. Vibrate the pavers to their final level with two or three passes of a vibrating plate compactor.
9. Spread and sweep, dry, sharp sand into the joints and vibrate down.
10. Spread sand over surface of pavers and broom sand into joints. Finish by gently washing and sweeping clean.

End of Specification 06030