



Designation: C 936 – 01

Standard Specification for Solid Concrete Interlocking Paving Units¹

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1. Scope

1.1 This specification covers the requirements for interlocking concrete pavers manufactured for the construction of paved surfaces.

1.2 When particular features are desired, such as weight classification, higher compressive strength, surface textures, finish, color, or other special features, such properties should be specified by the purchaser. Local sellers, however, should be consulted as to availability of units having the desired features.

1.3 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.

2. Referenced Documents

2.1 ASTM Standards:

- C 33 Specification for Concrete Aggregates²
- C 67 Test Methods for Sampling and Testing Brick and Structural Clay Tile³
- C 140 Test Methods for Sampling and Testing Concrete Masonry Units and Related Units³
- C 150 Specification for Portland Cement⁴
- C 207 Specification for Hydrated Lime for Masonry Purposes⁴
- C 260 Specification for Air-Entraining Admixtures for Concrete²
- C 331 Specification for Lightweight Aggregates for Concrete Masonry Units²
- C 418 Test Method for Abrasion Resistance of Concrete by Sandblasting²
- C 494/C 494M Specification for Chemical Admixtures for Concrete²
- C 595 Specification for Blended Hydraulic Cements⁴

C 618 Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use as a Mineral Admixture in Concrete²

C 979 Specification for Pigments of Integrally Colored Concrete²

C 989 Specification for Ground Granulated Blast-Furnace Slag for Use in Concrete and Mortars²

C 1240 Specification for Use of Silica Fume as a Mineral Admixture in Hydraulic-Cement Concrete, Mortar, and Grout²

3. Terminology

3.1 Definitions:

3.1.1 *architectural finishes*—surface modified by mechanical means such as blasting, hammering, polishing, tumbling, washing, or other methods.

4. Materials

4.1 *Cementitious Materials* shall conform to the following applicable ASTM specifications:

4.1.1 *Portland Cements*—Specification C 150.

4.1.2 *Blended Cements*—Specification C 595, Types IS or IP.

4.1.3 *Hydrated Lime, Type S*—Specification C 207.

4.1.4 *Fly Ash*—Specification C 618.

4.1.5 *Ground Slag*—Specification C 989.

4.1.6 *Silica Fume*—Specification C 1240.

4.2 *Aggregates* shall conform to the following ASTM specifications, except that grading requirements shall not necessarily apply:

4.2.1 *Normal Weight*—Specification C 33.

4.2.2 *Lightweight*—Specification C 331.

4.3 *Chemical Admixtures* shall conform to the following applicable ASTM specifications:

4.3.1 *Air-entraining Admixtures*—Specification C 260.

4.3.2 *Water-reducing, Retarding, and Accelerating Admixtures*—Specification C 494/C 494M.

4.3.3 *Pigments for Integrally Colored Concrete*—Specification C 979.

¹ This specification is under the jurisdiction of ASTM Committee C27 on Precast Concrete Products and is the direct responsibility of Subcommittee C27.20 on Architectural and Structural Products.

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² *Annual Book of ASTM Standards*, Vol 04.02.

³ *Annual Book of ASTM Standards*, Vol 04.05.

⁴ *Annual Book of ASTM Standards*, Vol 04.01.