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# StandardSpecification for Solid Concrete Interlocking Paving Units[1]

This standard is issued under the fixed designation C936/C936M; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

## 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 either SI units or inch-pound units are to be regarded separately as standard. The values stated in each system may not be exact equivalents; therefore, each system shall be used independently of the other. Combining values from the two systems may result in non-conformance with the standard.

## 2. Referenced Documents

2.1 *ASTM Standards:*[2]

C33 Specification for Concrete Aggregates
C140 Test Methods for Sampling and Testing Concrete Masonry Units and Related Units
C150 Specification for Portland Cement
C207 Specification for Hydrated Lime for Masonry Purposes
C260 Specification for Air-Entraining Admixtures for Concrete
C331 Specification for Lightweight Aggregates for Concrete Masonry Units
C418 Test Method for Abrasion Resistance of Concrete by Sandblasting
C494/C494M Specification for Chemical Admixtures for Concrete
C595 Specification for Blended Hydraulic Cements
C618 Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
C979 Specification for Pigments for Integrally Colored Concrete
C989 Specification for Slag Cement for Use in Concrete and Mortars
C1157 Performance Specification for Hydraulic Cement
C1240 Specification for Silica Fume Used in Cementitious Mixtures
C1645 Test Method for Freeze-thaw and De-icing Salt Durability of Solid Concrete Interlocking Paving Units

## 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 C150.
4.1.2 *Blended Cements*—Specification C595, Types IS or IP.
4.1.3 *Hydraulic Cement*—Specification C1157.
4.1.4 *Hydrated Lime, Type S*—Specification C207.
4.1.5 *Fly Ash*—Specification C618.
4.1.6 *Ground Slag*—Specification C989.
4.1.7 *Silica Fume*—Specification C1240.

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

4.2.1 *Normal Weight*—Specification C33.
4.2.2 *Lightweight*—Specification C331.

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

4.3.1 *Air-entraining Admixtures*—Specification C260.
4.3.2 *Water-reducing, Retarding, and Accelerating Admixtures*—Specification C494/C494M.
4.3.3 *Pigments for Integrally Colored Concrete*—Specification C979.

[1] This specification is under the jurisdiction of ASTM Committee C15 on Manufactured Masonry Units and is the direct responsibility of Subcommittee C15.03 on Concrete Masonry Units and Related Units.

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[2] For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

***A Summary of Changes section appears at the end of this standard**