

Standard Specifications for **GRANITE BLOCK FOR DURAX PAVEMENTS¹**



ASTM Designation: D 132 - 39

ADOPTED, 1923; REVISED, 1939.²

This Standard of the American Society for Testing Materials is issued under the fixed designation D 132; the final number indicates the year of original adoption as standard or, in the case of revision, the year of last revision.

Scope

1. These specifications cover granite block for Durax pavements.

Material

2. The blocks shall be of granite of medium-size grain, showing an even distribution of constituent minerals. They shall be of uniform quality and texture throughout, and free from seams or disintegrated materials.

Physical Properties

3. The average of three tests on sample blocks shall conform to the following requirements as to physical properties:

Percentage of wear not more than 5
(or French coefficient of
wear not less than 8)
Toughness not less than 7

Methods of Testing

4. The properties enumerated in Section 3 shall be determined in accordance with the following methods of the American Society for Testing Materials:

¹ Under the standardization procedure of the Society, these specifications are under the jurisdiction of the A.S.T.M. Committee D-4 on Road and Paving Materials.
² Prior to adoption as standard, these specifications were published as tentative from 1922 to 1923.

(a) *Percentage of Wear and French Coefficient of Wear.*—Standard Method of Test for Abrasion of Rock by Use of the Deval Machine (A.S.T.M. Designation: D 2),³ except that the sample shall be prepared by use of a press and the fragments shall be as uniform and as nearly cubical as practicable.

(b) *Toughness.*—Standard Method of Test for Toughness of Rock (A.S.T.M. Designation: D 3).³

Dimensions

5. The blocks shall be not less than 3 in. nor more than 4 in. in length, width, or depth.

Dressing

6. (a) The blocks shall be so dressed that the faces will be approximately rectangular in shape, and the ends and sides sufficiently smooth to permit the blocks to be laid with joints not exceeding $\frac{1}{4}$ in. in width at the top, and for 1 in. downward therefrom, and not exceeding 1 in. in width at any other part of the joint.

³ Appears in this publication, see Contents in Numeric Sequence of A.S.T.M. Designations at front of book.