



Designation: ~~D692/D692M~~—09 D692/D692M – 09 (Reapproved 2014)

Standard Specification for Coarse Aggregate for Bituminous Paving Mixtures¹

This standard is issued under the fixed designation D692/D692M; 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 crushed stone, crushed hydraulic-cement concrete, crushed blast-furnace slag, crushed gravel, crushed expanded shale, crushed expanded clay, and crushed expanded slate suitable for use in bituminous paving mixtures, as described in Specifications [D3515](#) or [D4215](#).

NOTE 1—Other slags having demonstrated a satisfactory service record may be used.

1.2 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.

1.3 The text of this standard references notes and footnotes which provide explanatory material. These notes and footnotes (excluding those in tables and figures) shall not be considered as requirements of the standard.

2. Referenced Documents

2.1 *ASTM Standards*:²

[C29/C29M](#) Test Method for Bulk Density (“Unit Weight”) and Voids in Aggregate

[C88](#) Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate

[C125](#) Terminology Relating to Concrete and Concrete Aggregates

[C131](#) Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine

[C136](#) Test Method for Sieve Analysis of Fine and Coarse Aggregates

[C294](#) Descriptive Nomenclature for Constituents of Concrete Aggregates

[D8](#) Terminology Relating to Materials for Roads and Pavements

[D75](#) Practice for Sampling Aggregates

[D448](#) Classification for Sizes of Aggregate for Road and Bridge Construction

[D3319](#) Practice for the Accelerated Polishing of Aggregates Using the British Wheel

[D3515](#) Specification for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures (Withdrawn 2009)³

[D3665](#) Practice for Random Sampling of Construction Materials

[D4215](#) Specification for Cold-Mixed, Cold-Laid Bituminous Paving Mixtures

[D5821](#) Test Method for Determining the Percentage of Fractured Particles in Coarse Aggregate

3. Terminology

3.1 *Definitions*:

3.1.1 For defining aggregate types, see Descriptive Nomenclature [C294](#), and Terminology [D8](#) and [C125](#).

3.1.2 *expanded shale, n; expanded clay, n; expanded slate, n*—the product resulting from the expanding of selected materials (shale, clay, or slate) in a rotary kiln at temperatures over 1000°C [1832°F].

4. Ordering Information

4.1 Orders for the material under this specification shall include the following information:

4.1.1 The specification designation and year of issue.

¹ This specification is under the jurisdiction of ASTM Committee [D04](#) on Road and Paving Materials and is the direct responsibility of Subcommittee [D04.50](#) on Aggregate Specifications.

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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.

³ The last approved version of this historical standard is referenced on [www.astm.org](#).