



Designation: D 5711 – 9503

Standard Test Method for Determining the Adherent-F Coating on Coarse Aggregates¹

This standard is issued under the fixed designation D 5711; 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 test method covers is used to determine the determination of the percent by mass of fine dust, clay or silt, or both, present as a adherent coating on coarse aggregate particles. The nature (aggregate retained on the 2.36-mm (No. 8) sieve) for the following purposes:

1.1.1 Preliminary investigation of mineral aggregate sources.

1.1.2 Control of mineral aggregates used in hot mix asphalt (HMA) pavements, seal coats, cover coats, surface treatments, cold mix asphalt, and portland cement concrete at the source of supply.

1.1.3 Control of mineral aggregate processing requirements.

1.1.4 Acceptance or rejection of aggregates based on adherent coating.

1.2 The values shown in SI units are to be regarded as the coarse aggregate is standard.

1.3 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

NOTE 1—The nature of the fines can be determined by other tests such as Test Methods D 2419 and D 4318.

1.2 This proposed 1—This test method is intended for use with 50 mm (2 in.) maximum size aggregate and smaller.

1.3 The values shown in SI units are to be regarded as the standard, except for the frame size of testing sieves, for which inch-pound units are to be regarded as standard.

1.4 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. modeled after Federal Land Highways T 512-94.

2. Referenced Documents

2.1 ASTM Standards:

¹ This test method is under the jurisdiction of ASTM Committee D-4 D04 on Road and Paving Materials and is the direct responsibility of Subcommittee D04.51 on Aggregate Tests.

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