



Designation: D2626/D2626M – 04 (Reapproved 2012)^{ε1}

Standard Specification for Asphalt-Saturated and Coated Organic Felt Base Sheet Used in Roofing¹

This standard is issued under the fixed designation D2626/D2626M; 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.

This standard has been approved for use by agencies of the Department of Defense.

^{ε1} NOTE—Units information was editorially corrected in June 2012.

1. Scope

1.1 This specification covers asphalt-saturated and coated organic felt base sheet with mineral surfacing on the top side, with or without perforations, for use as the first ply of a built-up roof. When not perforated, this sheet is suitable for use as a vapor retarder, with a solid mopping of asphaltic material, under roof insulation or between multiple layers of roof insulation.

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.

2. Referenced Documents

2.1 *ASTM Standards:*²

[D146 Test Methods for Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and Waterproofing](#)

[D226 Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing](#)

[D228 Test Methods for Sampling, Testing, and Analysis of Asphalt Roll Roofing, Cap Sheets, and Shingles Used in Roofing and Waterproofing](#)

[D1079 Terminology Relating to Roofing and Waterproofing](#)

[E96/E96M Test Methods for Water Vapor Transmission of Materials](#)

¹ This specification is under the jurisdiction of ASTM Committee D08 on Roofing and Waterproofing and is the direct responsibility of Subcommittee D08.04 on Felts, Fabrics and Bituminous Sheet Materials.

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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. Terminology

3.1 *Definitions*—For definitions of terms used in this specification, refer to Terminology [D1079](#).

3.2 *Definitions of Terms Specific to This Standard:*

3.2.1 *lot*—for the purpose of sampling, a lot shall consist of all material of the same type and size offered for delivery at one time.

4. Materials and Manufacture

4.1 In the process of manufacture, a single thickness of dry organic felt shall be saturated with hot asphalt, coated on both sides with a hot asphaltic material, and surfaced on the top side with mineral surfacing.

4.2 The felt shall be produced principally from organic fibers, or mixtures thereof. The surface of the felt shall be uniform and relatively smooth. Upon splitting or tearing on the bias, the felt shall appear reasonably free of lumps and particles of foreign substances.

4.3 The coating shall be a hot-applied asphalt material permitted to be compounded with a mineral stabilizer.

4.4 The reverse side of the base sheet may be covered with a suitable material to prevent sticking in the roll.

5. Physical Properties

5.1 The material shall conform to the physical requirements prescribed in [Table 1](#) and the dimensions and masses prescribed in [Table 2](#) and [Table 3](#). Perforated base sheets shall conform to the same requirements as the plain type but shall also have uniformly spaced perforations.

5.2 The finished product shall not crack nor be so sticky as to cause tearing or other damage upon being unrolled at temperatures between 10 and 60°C [50 and 140°F].

6. Dimensions, Mass, and Permissible Variations

6.1 The material shall conform to the dimensions and masses prescribed in [Table 2](#).