



Designation: D6380/D6380M – 03 (Reapproved 2013)^{ε1}

Standard Specification for Asphalt Roll Roofing (Organic Felt)¹

This standard is issued under the fixed designation D6380/D6380M; 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.

^{ε1} NOTE—Units information was editorially corrected in November 2013.

1. Scope

1.1 This specification covers asphalt roofing in sheet form, in widths agreed upon between the purchaser and the producer/supplier, composed of asphalt-saturated organic felt coated on both sides with asphalt. Class M and WS rolls are surfaced on the (exposed) weather side with mineral granules, except for any selvage. Class S rolls are surfaced with powdered talc, mica, or other fine mineral matter to prevent sticking.

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 *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.*

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](#)

[D224 Specification for Smooth-Surfaced Asphalt Roll Roofing \(Organic Felt\) \(Withdrawn 2002\)³](#)

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

Roofing and Waterproofing

[D249 Specification for Asphalt Roll Roofing \(Organic Felt\) Surfaced with Mineral Granules \(Withdrawn 2002\)³](#)

[D371 Specification for Asphalt Roll Roofing \(Organic Felt\) Surfaced with Mineral Granules; Wide Selvage \(Withdrawn 2002\)³](#)

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

[D3019 Specification for Lap Cement Used with Asphalt Roll Roofing, Non-Fibered, Asbestos-Fibered, and Non-Asbestos-Fibered](#)

[D4977 Test Method for Granule Adhesion to Mineral Surfaced Roofing by Abrasion](#)

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

3. Terminology

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

4. Classification

4.1 Class S (smooth) rolls shall be surfaced with fine mineral matter to prevent sticking.

4.1.1 *Type III*—Minimum net mass per unit area of roofing, 2495 g/m² [51.1 lb/100 ft²].

4.1.2 *Type IV*—Minimum net mass per unit area of roofing, 1943 g/m² [39.8 lb/100 ft²].

4.2 Class M (mineral) rolls shall be surfaced on the weather side with mineral granules, except for any selvage.

4.2.1 *Type II*—Minimum net mass of granule-surface portion, 3490 g/m² [71.5 lb/100 ft²].

4.3 Class WS (wide selvage) rolls shall be surfaced on the weather side with mineral granules for approximately half the width.

4.3.1 *Type III*—Minimum net mass per unit area, 1733 g/m² [35.5 lb/100 ft²].

4.3.2 *Type IV*—Minimum net mass per unit area, 2090 g/m² [42.8 lb/100 ft²].

5. Materials and Manufacture

5.1 In the process of manufacture, a single thickness of dry organic felt shall first be saturated with asphalt. A coating

¹ This specification is under the jurisdiction of ASTM Committee D08 on Roofing and Waterproofing and is the direct responsibility of Subcommittee D08.02 on Steep Roofing Products and Assemblies.

The materials covered in this standard were previously covered by three separate roll roofing material standards: Specifications [D224](#), [D249](#), and [D371](#).

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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.