

AMERICAN SOCIETY FOR TESTING MATERIALS  
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AMERICAN STANDARD  
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*Standard Specifications for (R1964)*

ASPHALT-SATURATED AND COATED ASBESTOS FELTS  
FOR USE IN CONSTRUCTING BUILT-UP ROOFS<sup>1</sup>



ASTM Designation: D 655 - 47

ADOPTED, 1947.<sup>2</sup>

Reapproved in 1952 Without Change.

This Standard of the American Society for Testing Materials is issued under the fixed designation D 655; the final number indicates the year of original adoption as standard or, in the case of revision, the year of last revision.

NOTE—An editorial change in Section 9 was made in June, 1953.

**Scope**

1. These specifications cover asphalt-saturated and asphalt-coated asbestos felts in sheet form for use in the construction of built-up roofs. They may be either 36 or 32 in. in width and shall be composed of asbestos roofing felt saturated and coated on one or both sides with asphalt. The coated sides shall be surfaced with mineral matter.

**Types**

2. Asphalt-saturated and asphalt-coated asbestos felts covered by these specifications are of two types: namely,  
20-lb. type  
50-lb. type

**Mopping Materials**

3. For the construction of built-up roofs, asphalt mopping materials conforming to the Standard Specifications for Asphalt for Use in Constructing Built-Up Roof Coverings (A.S.T.M. Designation: D 312)<sup>3</sup> shall be used.

<sup>1</sup> Under the standardization procedure of the Society, these specifications are under the jurisdiction of the A.S.T.M. Committee D-8 on Bituminous Waterproofing and Roofing Materials.

<sup>2</sup> Prior to adoption as standard, these specifications were published as tentative from 1942 to 1947, being revised in 1944.

<sup>3</sup> 1952 Book of ASTM Standards, Part 3.

**Manufacture**

4. In the process of manufacture, a single thickness of asbestos felt shall be saturated with an asphaltic saturant, coated on one side for the 20-lb. type and on both sides for the 50-lb. type with asphalt, and surfaced with sufficient mineral matter to prevent sticking in the rolls.

**Character of Felt**

5. The felt shall be an asbestos felt produced by "felting" at least 85 per cent by weight of asbestos fiber. The surface of the felt shall be uniformly smooth. Upon splitting or tearing on the bias, the felt shall appear reasonably free from lumps or particles of foreign substances.

**Character of Saturant and Coatings**

6. The bitumen of the saturant and coatings shall be composed of asphaltic materials.

**Character of Saturated Felt**

7. The felt shall be thoroughly and uniformly saturated and shall show no

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