



Designation: D6506/D6506M – 01 (Reapproved 2018)<sup>ε1</sup>

# Standard Specification for Asphalt Based Protection Board for Below-Grade Waterproofing<sup>1</sup>

This standard is issued under the fixed designation D6506/D6506M; 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 ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

<sup>ε1</sup> NOTE—Units information was editorially corrected in January 2018.

## 1. Scope

1.1 This specification covers an asphalt based protection board used for protecting the integrity of below grade or below wearing surface waterproofing. The protection board protects the waterproofing system from backfill, surfacing, construction activities, and weathering conditions prior to backfilling or applying surfacing.

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, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

1.4 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

## 2. Referenced Documents

2.1 *ASTM Standards:*<sup>2</sup>

**D545 Test Methods for Preformed Expansion Joint Fillers for Concrete Construction (Nonextruding and Resilient Types)**

<sup>1</sup> This specification is under the jurisdiction of ASTM Committee D08 on Roofing and Waterproofing and is the direct responsibility of Subcommittee D08.22 on Waterproofing and Dampproofing Systems.

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<sup>2</sup> For referenced ASTM standards, visit the ASTM website, [www.astm.org](http://www.astm.org), or contact ASTM Customer Service at [service@astm.org](mailto:service@astm.org). For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

**D994/D994M Specification for Preformed Expansion Joint Filler for Concrete (Bituminous Type)**  
**D5147/D5147M Test Methods for Sampling and Testing Modified Bituminous Sheet Material**  
**E154/E154M Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover**

## 3. Classification

3.1 *Two Classes of Product are Covered in This Specification:*

3.1.1 *Class A*, is made with asphalt saturated organic felt on the bottom and a coated or saturated non-woven glass felt on top.

3.1.2 *Class B*, is made with glass fabrics both top and bottom.

3.1.3 *Classes A and B*, each include three thicknesses of board. If desired, one side of each of these classes may be covered with a thin plastic antistick sheet.

## 4. Materials and Manufacture

4.1 The protection board shall be comprised of layers of asphalt and reinforcing mat. One surface of the board will be uniformly coated with a bituminous material for limited weather protection.

4.2 The length and width measurements shall be as specified by the manufacturer. The tolerances of these dimensions (length and width) shall be  $\pm 6$  mm [ $\frac{1}{4}$  in.]

4.3 The surfaces of the protection board shall be uniform and free from defects such as cracks and indentations. The edges shall be uniform.

## 5. Sampling

5.1 Each sample shall consist of sufficient material to provide at least five specimens for the tests listed in Section 7. One representative sample shall be selected for each shipment of 10 000 ft<sup>2</sup> or fraction thereof.

## 6. Physical Requirements

6.1 Nominal thicknesses of protection board are as follows:

6.1.1 *Type I*, board is  $\frac{1}{16}$  in.