



Designation: D2946 – 01 (Reapproved 2018)

Standard Terminology for Asbestos and Asbestos–Cement Products¹

This standard is issued under the fixed designation D2946; 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 terminology covers terms and definitions, definitions of terms, and abbreviations of terms relating to asbestos and asbestos-cement products.

1.2 *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:²

C150 Specification for Portland Cement
C296 Specification for Asbestos-Cement Pressure Pipe
C428 Specification for Asbestos-Cement Nonpressure Sewer Pipe
C458 Test Method for Organic Fiber Content of Asbestos-Cement Products
C500 Test Methods for Asbestos-Cement Pipe
C508 Specification for Asbestos-Cement Underdrain Pipe
C541 Specification for Linings for Asbestos-Cement Pipe
C618 Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
C663 Specification for Asbestos-Cement Storm Drain Pipe
C668 Specification for Asbestos-Cement Transmission Pipe
C875 Specification for Asbestos-Cement Conduit
C966 Guide for Installing Asbestos-Cement Nonpressure Pipe
D123 Terminology Relating to Textiles
D1067 Test Methods for Acidity or Alkalinity of Water
D1118 Test Method for Magnetic Rating of Asbestos Fiber and Asbestos Textiles
D1126 Test Method for Hardness in Water

D1918 Test Method for Asbestos Content of Asbestos Textiles

D2589 Test Method for McNett Wet Classification of Dual Asbestos Fiber

D2950 Test Method for Density of Bituminous Concrete in Place by Nuclear Methods

D2985 Test Method for Color of Asbestos

D3879 Test Method for Sampling Amphibole Asbestos (Withdrawn 2009)³

E284 Terminology of Appearance

E308 Practice for Computing the Colors of Objects by Using the CIE System

E849 Practice for Safety and Health Requirements Relating to Occupational Exposure to Asbestos (Withdrawn 1991)³

2.2 Other Documents:²

ASTM STP 834, 1982 Definitions for Asbestos and Other Health-Related Silicates

3. Terminology

accessible bag, *n*—*for sampling*, a bag (in a pile of bags of asbestos fiber) of which at least one side or one end is fully exposed.

accessible surface, *n*—*for sampling*, in a pile of bags of asbestos fiber, a side (of the pile) in which all the bags are accessible bags.

accessories—subordinate material such as fasteners, backer strips, closure strips, ridge and corner rolls, roofing starters and finishing pieces, couplings, gaskets, pipe fittings or other supplementary material necessary for the proper application of primary asbestos-cement products.

actinolite asbestos—asbestiform variety of the monoclinic amphibole silicate minerals of the tremolite-actinolite series.

DISCUSSION—Its empirical formula is $\text{Ca}_2(\text{Mg}, \text{Fe}^{+2})_5\text{Si}_8\text{O}_{22}(\text{OH})_2$. Its Chemical Abstracts⁴ number is 77536-66-4 (see Table 1 and Table 2).

adhesion, *n*—*for asbestos*, see **fiber adhesion**.

aggressivity index, *n*—measure of the corrosiveness of water toward asbestos-cement defined as:

¹ This terminology is under the jurisdiction of ASTM Committee C17 on Fiber-Reinforced Cement Products and is the direct responsibility of Subcommittee C17.03 on Asbestos - Cement Sheet Products and Accessories.

Current edition approved Jan. 1, 2018. Published February 2018. Originally approved in 1971. Last previous edition approved in 2010 as D2946 – 01(2010). DOI: 10.1520/D2946-01R18.

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.

⁴ Taken from Practice E849.