



Standard Specification for Asbestos-Cement Products Other Than Fill For Cooling Towers¹

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1. Scope

1.1 This specification covers drift eliminators or demisters, louvers, partitioning and casing panels.

NOTE 1—Asbestos-cement pipes are covered in Specifications C296 and C428; and asbestos-cement heat exchange fill products are covered in Specification C1082 for flat fill and Specification C1081 for corrugated fill.

1.2 The following classes of products are covered:

	Paragraph	Classifications
Drift eliminators or demisters	4.1	Classes 1, 2 and 3
Louvers	4.2	Classes 1 and 2
Casing panels	4.3	Classes 1 and 2
Asbestos-cement pressure pipes	4.4	Classes 100, 150, and 200
Asbestos-cement nonpressure or gravity drainage pipes	4.5	Classes 1500, 2400, 3300, 4000, and 5000

1.2.1 Products cured at atmospheric pressure or by autoclaving are covered.

1.3 The values stated in the SI system are to be regarded as the standard. The inch-pound units in parentheses are provided for information only.

1.4 **Warning**—Breathing of asbestos dust is hazardous. Asbestos and asbestos products present demonstrated health risks for users and for those with whom they come into contact. In addition to other precautions, when working with asbestos-cement products, minimize the dust that results. For information on the safe use of chrysotile asbestos, refer to “Safe Use of Chrysotile Asbestos: A Manual on Preventive and Control Measures.”²

1.5 The following safety hazards caveat pertains only to the test method portion of this specification (Section 5): *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 to determine the applicability of regulatory limitations prior to use. For a specific safety hazard, see 1.4.

2. Referenced Documents

2.1 ASTM Standards:³

C150 Specification for Portland Cement
C220 Specification for Flat Asbestos-Cement Sheets
C221 Specification for Corrugated Asbestos-Cement Sheets
C223 Specification for Asbestos-Cement Siding
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
C459 Test Methods for Asbestos-Cement Flat Products
C1081 Specification for Asbestos-Cement Corrugated Fill For Use in Cooling Towers
C1082 Specification for Asbestos-Cement Flat Sheet for Cooling Tower Fill
D2946 Terminology for Asbestos and Asbestos-Cement Products

2.2 DIN Standard:

DIN 274 Asbestzement-Weilplatten⁴

3. Terminology

3.1 **Definitions**—The definitions covered in Terminology D2946 are applicable to this specification.

3.2 Definitions of Terms Specific to This Standard:

3.2.1 **autoclaved products**—those that have been treated in a saturated steam atmosphere at between 689 and 1517 kPa (100 and 220 psi) for at least 8 h, and that contain portland cement Type I as defined in Specification C150 together with silica in the ratio of 3:2 that can react to form calcium silicate reaction products.

3.3 **pressed products**—include those that are pressed singly

¹ This specification 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.

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² Available from The Asbestos Institute, http://www.chrysotile.com/en/sr_use/manual.htm.

³ 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.

⁴ Available from Deutsches Institut für Normung, Beuth Verlag GmbH, Auslieferung, Post Fach 1107, D-1000 Berlin 30, Germany.