



Designation: C 1126 – 003

Standard Specification for Faced or Unfaced Rigid Cellular Phenolic Thermal Insulation¹

This standard is issued under the fixed designation C 1126; 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 specification ~~applies to covers~~ faced or unfaced, rigid cellular phenolic thermal ~~insulation in either board insulation.~~ Boards shall be faced or unfaced. Tubular forms covered by this standard shall be unfaced. It does not apply to field expanded cellular phenolic materials.

NOTE 1—If a facer or vapor retarder is to be used for the tubular form, then refer to Practice C 921

1.2 Materials covered by this specification are used as roof insulation; sheathing or rigid board for non-load bearing, building material applications; and pipe insulation for use between -40 and 257°F (-40 and 125°C). Type II Grade 1 and Type III Grade 1 materials with an appropriate vapor retarder covering on the warm surface can be used to a lower temperature limit of -290°F (-180°C). (See 7.2.)

1.3 The values stated in inch-pound units are to be regarded as standard. International Standard Units (SI) are given in parentheses.

1.4 *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.* For specific precautionary statements, see Section 16.

2. Referenced Documents

2.1 ASTM Standards: ²

¹ This specification is under the jurisdiction of ASTM Committee C16 on Thermal Insulation and is the direct responsibility of Subcommittee C16.22 on Organic and Nonhomogeneous Inorganic Thermal Insulations.

Current edition approved Nov. 10, 20003. Published ~~February 2001~~, December 2003. Originally published as C 1126 – 89, approved in 1989. Last previous edition approved in 2000 as C 1126 – 9800.