



Designation: A 849 – 9900

Standard Specification for Post-Applied Coatings, Pavings, and Linings for Corrugated Steel Sewer and Drainage Pipe¹

This standard is issued under the fixed designation A 849; 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.

This standard has been approved for use by agencies of the Department of Defense.

1. Scope

1.1 This specification covers post-applied coatings, pavings, and linings for corrugated steel pipe and corrugated steel structural plate pipe, pipe-arches, and arches coated, paved, or lined with specified materials over either metallic coatings or metallic coatings with polymer coatings. This specification includes asphalt, polymerized asphalt, polymer, ~~mastic~~, and ~~mastic emulsion~~ coatings and asphalt and concrete pavements and linings applied to the pipe in the producing plant, as well as, asphalt and mastic coatings applied in the field. Field-applied concrete pavements and linings are covered by Specification A 979/A 979 M. The pipe to which the coatings are applied is described in Specifications A 760/A 760M, A 761/A 761M, and A 762/A 762M.

1.2 There is no cleaning operation currently included in pipe coating practice. However, experience has shown that a clean substrate provides good adherence for both cold- and hot-applied post coatings. The performance of post coating or lining, or both, will depend on the surface cleanliness over which it is applied.

1.3 The values stated in inch-pound units are to be regarded as standard. The values given in brackets are for information only.

1.4 The following safety hazards caveat pertains only to the test methods portions, Sections 11 and 12, of this specification. *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.*

2. Referenced Documents

2.1 *ASTM Standards:*

¹ This specification is under the jurisdiction of ASTM Committee A-5 A05 on Metallic Coated Iron and Steel Products and is the direct responsibility of Subcommittee A05.17 on Corrugated Steel Pipe Specifications.

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