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### RATIONALE

This document has been determined to contain basic and stable technology that is mature and unlikely to change.

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# Coal-Tar Emulsion Coating

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In AMPP standards, the terms *shall* and *must* are used to state requirements and are considered mandatory. The term *should* is used to state something that is recommended, but is not considered mandatory. The term *may* is used to state something considered optional.

## Section 1: Scope

- 1.1 This specification covers a coal-tar emulsion coating to be used as a protective weather coat for hot- or cold-applied bituminous coatings on steel structures. It may also be used over suitable primers as a protective coating for aboveground steel structures subjected to atmospheric exposure and the deleterious effects of oxidation and ultraviolet radiation.
- 1.2 It is suitable for use on parts or structures exposed in SSPC Environmental Zone 1B (exterior, normally dry). It can also be used in heavy industrial environments such as Zones 3A (chemical exposure acidic), 3B (chemical exposure neutral), and 3C (chemical exposure alkaline) where color is not a prime consideration.

## Section 2: Description

- 2.1 The coating is a water emulsion of coal tar and may contain selected fillers. It is a thick, heavy-duty, cold-applied protective coating intended for use on steel substrates coated with hot- or cold-applied bituminous coatings or other suitable primers.
- 2.2 The coating contains approximately 40 percent by volume non-volatile film-forming solids. The theoretical spreading rate for a 380- $\mu\text{m}$  (15-mil) dry film thickness is 1.1  $\text{m}^2/\text{L}$  (43  $\text{ft}^2/\text{gal}$ ). Actual spreading rates can be significantly lower.

## Section 3: Referenced Standards

- 3.1 The latest issue, revision, or amendment of the referenced documents in effect on the date of invitation to bid shall govern unless otherwise specified. Those documents marked with an asterisk (\*) are referenced only in the Notes of nonmandatory [Appendix A](#), which are not requirements of this specification.