

ASTM D-609

Significance and Use

The procedures described in this practice are designed to provide steel panels with a uniform and reproducible surface for testing of paint, varnish, lacquer, conversion coatings, and related products.

1. Scope

1.1 This practice covers various types of cold rolled steel panels and the procedures to be followed in their preparation for testing paint, varnish, lacquer, conversion coatings, and related products.

1.2 The procedures are as follows:

Procedure A—Conversion coatings (phosphates, chromates, etc.)

Procedure B—Vapor degreasing

Procedure C—Solvent brushing

Procedure D—Solvent wiping

Procedure E—Alkaline cleaning

1.3 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.

1.4 *This standard does not purport to address 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

A109/A109M Specification for Steel, Strip, Carbon (0.25 Maximum Percent), Cold-Rolled

A366/A366M Specification for Commercial Steel (CS), Sheet, Carbon (0.15 Maximum Percent), Cold-Rolled

D235 Specification for Mineral Spirits (Petroleum Spirits) (Hydrocarbon Dry Cleaning Solvent)

Index Terms

panels; sheet metal; steel panels; substrate-coatings application; ICS Number Code 77.140.50

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