



METRIC
Designation: B 209M – 034

Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate [Metric]¹

This standard is issued under the fixed designation B 209M; 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 aluminum and aluminum alloy flat sheet, coiled sheet, and plate; in the alloys (Note 1) and tempers shown in Tables 2 and 3, and in the following finishes:

1.1.1 Plate in all alloys and sheet in heat-treatable alloys: mill finish.

1.1.2 Sheet in nonheat-treatable alloys: mill finish, one-side bright mill finish, standard one-side bright finish, and standard two-sides bright finish.

1.2 Alloy and temper designations are in accordance with ANSI H35.1M. The equivalent Unified Numbering System (UNS) alloy designations are those of Table 1 preceded by A9, for example, A91100 for aluminum 1100 in accordance with Practice E 527.

NOTE 1—Throughout this specification, use of the term *alloy* in the general sense includes aluminum as well as aluminum alloy.

NOTE 2—See Specification B 632/B 632M for Tread Plate.

NOTE 3—See Specification B 928/B 928M for marine sheet and plate. Due to the additional corrosion testing required, it is not intended that Specification B 209M be used for marine sheet and plate.

1.3 This specification is the metric counterpart of Specification B 209.

1.4 For acceptance criteria for inclusion of new aluminum and aluminum alloys in this specification, see Annex A2.

2. Referenced Documents

2.1 The following documents ~~of the issue in effect on the date of material purchase, unless otherwise noted,~~ form a part of this specification to the extent referenced herein:

¹ This specification is under the jurisdiction of ASTM Committee B07 on Light Metals and Alloys and is the direct responsibility of Subcommittee B07.03 on Aluminum Alloy Wrought Products.

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*A Summary of Changes section appears at the end of this standard.