



# UL 10A

## STANDARD FOR SAFETY

### Tin-Clad Fire Doors

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UL Standard for Safety for Tin-Clad Fire Doors, UL 10A

Twenty-First Edition, Dated January 30, 2009

### **Summary of Topics**

***This revision of ANSI/UL 10A dated March 10, 2022 is being issued to update the title page to reflect the most recent designation as a Reaffirmed American National Standard (ANS). No technical changes have been made.***

Text that has been changed in any manner or impacted by UL's electronic publishing system is marked with a vertical line in the margin.

The requirements are substantially in accordance with Proposal(s) on this subject dated January 21, 2022.

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**ANSI/UL 10A-2009 (R2022)**

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#### **HISTORICAL NOTE**

The title "Tin-Clad Fire Doors" is historically related to two- or three-ply wooden core construction covered with sheet steel as thin as 0.01 in (0.25 mm) coated with "roofing grade" terne "plate" having a composition of 20 percent tin and 80 percent lead. More recently the title has been retained as also applying to identical construction except for the substitution of zinc coating for terne coating with the provision that zinc coated metal should be painted with a good grade of corrosion resisting paint prior to shipment.

The maximum metal section (plate) size of 14 by 20 in (356 by 508 mm) is dictated by the original concept that the extremely thin base metal was to be secured only by nails having their heads covered by fold-over laps and the need for the resultant seams to be spaced sufficiently close as to prevent bulging or surface distortions.

The original title has been retained to relate to the basic concept for this class of construction in trade usage, as is so referenced in several national and other building codes, as well as in the current edition of the Standard for Fire Doors and Other Opening Protectives, NFPA No. 80.

This edition has been edited to delete use of the word "plate" as the present trade usage of this term relates to hot-rolled steel having a thickness of at least 0.230 in (5.8 mm).

### **UL 10A**

#### **Standard for Tin-Clad Fire Doors**

Previous numbered and unnumbered editions of standards covering this material have been published since 1903.

Sixteenth Edition – December, 1968  
Seventeenth Edition – December, 1973  
Eighteenth Edition – February, 1980  
Nineteenth Edition – February, 1993  
Twentieth Edition – February, 1998

#### **Twenty-First Edition**

**January 30, 2009**

This ANSI/UL Standard for Safety consists of the Twenty-First Edition including revisions through March 10, 2022.

The most recent designation of ANSI/UL 10A as a Reaffirmed American National Standard (ANS) occurred on March 10, 2022. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

The Department of Defense (DoD) has adopted UL 10A on October 21, 1984. The publication of revised pages or a new edition of this Standard will not invalidate the DoD adoption.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

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