CAN/ULC 706.1:2026

Standard for Insulating Wood Fibre Boards for Buildings

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CETTE NORME NATIONALE DU CANADA EST DISPONIBLE EN VERSIONS FRANÇAISE ET ANGLAISE

Standard for Insulating Wood Fibre Boards for Buildings, CAN/ULC 706.1

Fifth Edition, Dated July 17, 2026

Summary of Topics

This new Fifth Edition of CAN/ULC 706.1 dated July 17, 2026 includes editorial updates to align with ULSE Style Manual, and other modifications to improve clarity.

The revised requirements are substantially in accordance with Proposal(s) on this subject dated March 31, 2026.

PLEASE NOTE THAT CERTAIN CODES MAY REFER TO A SUPERSEDED VERSION OF THIS STANDARD. IN THOSE INSTANCES, THE RELEVANT VERSIONS ARE AVAILABLE FOR PURCHASE.

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CAN/ULC 706.1:2026

Standard for Insulating Wood Fibre Boards for Buildings

ICS 79.060.20; 91.120.10

First Edition . . . . . July 2002
Second Edition . . . . . October 2009
Third Edition . . . . . September 2016
Fourth Edition . . . . . March 2020
FIFTH EDITION . . . . . JULY 17, 2026

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This list represents the membership at the time the Committee balloted on the final text of this edition. Since that time, changes in the membership may have occurred.

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PREFACE

This is the Fifth Edition of the Standard for Insulating Wood Fibre Boards for Buildings, CAN/ULC 706.1.

This Edition of the Standard has been formally approved by the ULC Standards Task Group on Thermal Performance and Energy Use in the Built Environment.

Only metric SI units of measurement are used in this Standard. If a value for measurement is followed by a value in other units in parentheses, the second value may be approximate. The first stated value is the requirement.

Annex A, identified as informative, is for informational purposes only.

In Canada, there are two official languages, English and French. All safety warnings must be in French and English. Attention is drawn to the possibility that some Canadian authorities may require additional markings and/or installation instructions to be in both official languages.

This Fifth Edition National Standard of Canada is based on, and now supersedes, the Fourth Edition.

Attention is drawn to the possibility that some of the elements of this Canadian standard may be the subject of patent rights. ULC Standards shall not be held responsible for identifying any or all such patent rights.

This CAN/ULC 706.1 Standard is under continuous maintenance, whereby each revision is approved in compliance with the requirements of SCC for accreditation of a Standards Development Organization. In the event that no revisions are issued for a period of four years from the date of publication, action to revise, reaffirm, or withdraw the standard shall be initiated.

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

This Standard is intended to be used for conformity assessment.

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INTRODUCTION

1 Scope

1.1 This Standard contains the physical property requirements, and test methods to determine these properties, for wood fibre manufactured in the form of faced or unfaced boards used for insulation in buildings and other applications, whether applied on a building site or in a prefabrication (manufacturing) facility.

1.2 The Standard covers three types of wood fibre insulation on the basis of their material properties. The products covered by this standard are classified into Types and Classes based on their physical properties.

1.3 Insulating wood fibre boards are primarily intended for use in applications where the continuous service temperature is within the range -30 °C to +80 °C and shall not be exposed to an open flame.

1.4 This document does not address mold growth of the material.

1.5 The testing and evaluation of a product against this Standard may require the use of materials and/or equipment that could be hazardous. This document does not purport to address all the health and safety aspects associated with its use. Anyone using this Standard has the responsibility to consult the appropriate authorities and to establish health and safety practices, in conjunction with any existing applicable regulatory requirements, prior to its use.

2 Reference Publications

2.1 The following referenced documents are indispensable for the application of this standard. The referenced documents indicate the edition and/or revision of the document that shall be used with this standard.

ASTM C165, *Standard Test Method for Measuring Compressive Properties of Thermal Insulations*

ASTM C177, *Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded Hot-Plate Apparatus*

ASTM C208, *Standard Specification for Cellulosic Fiber Insulating Board*

ASTM C209, *Standard Test Methods for Cellulosic Fiber Insulating Board*

ASTM C390, *Standard Practice for Sampling and Acceptance of Thermal Insulation Lots*

ASTM C518, *Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus*

ASTM C550, *Standard Test Method for Measuring Trueness and Squareness of Rigid Block and Board Thermal Insulation*

ASTM C870, *Standard Practice for Conditioning of Thermal Insulating Materials*

ASTM D1037, *Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials*

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