

BPVW7.GuidelInfo - Lumber, Treated Certified for Canada

[Building Materials Certified for Canada] (Surface-burning Characteristics Certified for Canada) Lumber, Treated Certified for Canada

See General Information for Surface-burning Characteristics Certified for Canada

GENERAL

This category covers the surface-burning characteristics of lumber that has been treated by pressure impregnation to reduce combustibility.

To be eligible for certification, treated lumber must have a flame spread of less than 70 or 70% of the flame spread of untreated lumber of the same species, whichever results in the lesser value.

Unless otherwise indicated, the treatments consist of water soluble salts which will be affected by repeated exposure to water or conditions that may result in the condensation of water. In order to determine the effect of moisture conditions on the surface-burning characteristics, treated lumber (where indicated in the individual certifications) has been subjected to a Standard Rain Test (CAN/ULC-S107 (1987), "Standard Methods of Fire Tests of Roof Coverings") consisting of cyclic wetting and drying periods. These products are eligible to bear the supplemental statement "No increase in the listed Classification when subjected to the Standard Rain Test."

The surface-burning characteristics are established on samples dried to equilibrium at Standard conditions without further processing or machining. As the lumber is not necessarily treated throughout its cross section, it is imperative that no outer material be removed if the published certifications are to be maintained. However, some species of treated lumber, as indicated in the individual certifications, may have been factory milled on either surface without altering the existing classification, as determined by fire testing material before and after milling.

Some species of treated lumber, as indicated in the individual certifications, have also been tested for the spread of flame and evidence of significant progressive combustion for tests of 30-min duration under the same conditions of exposure.

The structural qualities of this lumber have not been determined. The certifications are confined to the materials themselves and do not pertain to the structures in which they may be installed.

The toxicity of the products of combustion and other properties have not been investigated.

Authorities Having Jurisdiction should be consulted before installation.

PRODUCT IDENTITY

The following product identity appears on the product:

Treated Lumber

ADDITIONAL INFORMATION

For additional information, see Surface-burning Characteristics Certified for Canada (BIKT7) and Building Materials Certified for Canada (AABM7).

REQUIREMENTS

The basic standard used to investigate products in this category is CAN/ULC-S102, "Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies."

UL MARK

The Certification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Certification and Follow-Up Service. The Certification Mark for these products includes the UL symbol, the words "CERTIFIED" and "SAFETY," the geographic identifier(s), and a file number.

Additional Certification Markings

Products covered under this category are additionally marked with the following information:

AS TO SURFACE-BURNING CHARACTERISTICS

+

+ Flame-spread and smoke-developed values applicable to the product

Where applicable, one or more of the following statements may be included:
No evidence of significant progressive combustion in tests of 30-min duration

Results apply to samples machined before or after treatment

No increase in the listed Classification when subjected to the Standard Rain Test

Alternate UL Mark

The Classification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Classification and Follow-Up Service. The Classification Mark for these products includes the UL Mark for Canada symbol, the word "CLASSIFIED" above the UL symbol (as illustrated in the Introduction of this Directory), and the following additional information:

TREATED LUMBER SURFACE BURNING CHARACTERISTICS

+

Control No.

or

TREATED LUMBER SURFACE BURNING CHARACTERISTICS

+

IN ACCORDANCE WITH THE STANDARD CAN/ULC-S102M

Control No.

+ Flame spread and smoke developed values applicable to the product

In addition, one or more of the following statements may be added if so qualified:

1. "No evidence of significant progressive combustion in tests of 30 minutes duration"
2. "Results apply to samples machined before or after treatment"
3. "No increase in the listed Classification when subjected to the Standard Rain Test"

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The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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