



TEVT7.GuideInfo Roof-covering Materials Certified for Canada

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Roof-covering Materials Certified for Canada

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GENERAL

This category covers roof-covering materials, which consist of two basic types: (1) roofing systems, generally involving the assembly of several components and may require special equipment to apply the materials involved, and (2) prepared materials, which can be applied directly to a roof deck in accordance with the manufacturer's instructions provided with the product. These coverings are intended for the protection of roof decks from external fire exposure and have not been investigated for performance when exposed to a fire from an internal source, i.e., directed onto the underside of the roof deck assembly.

Roofing systems are composed of the materials shown under the various generic system types referenced under Roofing Systems Certified for Canada ([TGFU7](#)) and as described under Roofing Systems ([TGFU](#)), to provide Class A, B or C for resistant coverings.

Where indicated in the individual Listings, the wind resistance of prepared roof coverings has been investigated to CAN/CSA-A123.5-M90, "Asphalt Shingles Made From Organic Felt and Surfaced With Mineral Granules/Asphalt Shingles Made From Glass Felt and Surfaced With Mineral Granules."

The weatherability of these roof-covering materials has not been investigated.

Authorities Having Jurisdiction should be consulted as to which class of roof coverings will be acceptable in each location.

CLASSES

Class A includes roof coverings which are effective against severe fire exposure. Under such exposure, roof coverings of this class are not readily flammable and do not carry or communicate fire, afford a fairly high degree of fire protection to the roof deck, do not slip from position, possess no flying brand hazard, and do not require frequent repairs in order to maintain their fire resisting properties.

Class B includes roof coverings which are effective against moderate fire exposure. Under such exposure, roof coverings of this class are not readily flammable and do not readily carry or communicate fire, afford a moderate degree of fire protection to the roof deck, do not slip from position, and possess no flying brand hazard, but may require infrequent repairs in order to maintain their fire resisting properties.

Class C includes roof coverings which are effective against light fire exposure. Under such exposure, roof coverings of this class are not readily flammable and do not readily carry or communicate fire, afford some degree of fire protection to the roof deck, do not slip from position, possess no flying brand hazard, and may require occasional repairs or renewals in order to maintain their fire resisting properties.

Roofing systems provide Class A, B or C coverings over combustible and/or noncombustible (steel, concrete or poured gypsum) decks. Prepared roof-covering materials provide class A, B or C coverings over combustible decks. Combustible decks consist of the following types:

- (A) Minimum 3/4 in. thick sheathing boards.
- (B) Minimum 3/8 in. (for Prepared) or 15/32 in. for (Roofing Systems) thick plywood.
- (C) Minimum 3/8 in. (for Prepared) or 7/16 in. (for Roofing Systems) thick nonveneer sheathing (oriented strand board panels or waferboard panels).

RELATED PRODUCTS

Prepared roof coverings shown in Prepared Roof-covering Materials Certified for Canada (TFWZ7) and applied in accordance with detailed instructions included in the packages of materials provide Class A, B or C fire resistant coverings and wind resistant coverings as indicated on the Listing Mark for Canada applied to each package.

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