



Schedule A - Certified Alaska Tough[®]

Eligibility Criteria for Residential Windows

Version 1.2 (September 2018)

Certified Alaska Tough distinguishes building products that can withstand the extreme climate conditions of Alaska while meeting strict energy efficiency standards.

Below are the product criteria for Certified Alaska Tough qualified residential windows. A product must meet all of the identified criteria to be eligible for Certified Alaska Tough. See the Certified Alaska Tough Program Requirements for further information on the program.

Product Line

Fully assembled residential windows only; this excludes skylights, roof windows, site-built windows, window components, and all doors.

Certification requirements

1. Thermal performance:
 - a. U-factor of less than or equal to 0.20;
 - b. Current National Fenestration Rating Council (NFRC) certification or current CSA (Canadian Standards Association) A440.S2 certification.

2. Air, water, and structural (AWS) performance:
 - a. North American Fenestration Standard (NAFS) Performance Grade of 45 or better;
 - b. NAFS performance class can be R, LC, CW or AW, but the products are intended for residential applications;
 - c. Current AWS certification to AAMA/WDMA/CSA 101/I.S.2/A440 (NAFS) required through an IAS (International Accreditation Service) or ANSI (American National Standards Institute) certified accreditation program.

3. Air leakage:
 - a. Measured air leakage via ASTM E283;
 - b. The air leakage rate must not exceed 0.1 cfm/ft² for operable windows and 0.04 cfm/ft² for fixed windows; these maximum air leakage rates are the Canadian A3 and fixed level requirements, respectively, for residential performance class windows in AAMA/WDMA/CSA 101/I.S.2/A440-11;
 - c. Either air infiltration can be measured for demonstrating compliance.