

Report No.: 20-06-B0126-TC1

Issue Date: November 27, 2020

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Re: FG-500 Rain-Therm Series:

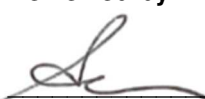
At the request of Alwind Industries Ltd., Element Materials Technology was retained to evaluate a fixed window, identified as "FG-500 Rain-Therm Series", in accordance with AAMA/WDMA/CSA101/I.S.2/A440-11/17 standards and CSA A440S1-17 Canadian Supplement to NAFS standard. The table below summarizes the test results.

FG-500 Rain-Therm Series Test Results Element Specimen No.: 20-06-B0126-TC1 Test Specimen Size, 1500 mm x 2500 mm (59.06" x 98.43")		
Test	Results	Rating (Class AW-PG70)
Air Leakage (ASTM E283)	Test Pressure, Pa (psf): 300 (6.27) Allowable Air Leakage, L/s·m ² (cfm/ft ²): 0.2 (0.04)	Pass Canadian Fixed Level
Water Penetration (ASTM E331 & E547)	Test Pressure, Pa (psf): 720 (15.04)	Pass
Life Cycle Testing (AAMA 910)	No damage to sample	Pass
Uniform Load Deflection (ASTM E330)	Test Pressure, Pa (psf): ±3360 (70.18)	Pass
Uniform Load Structural (ASTM E330)	Test Pressure, Pa (psf): ±5040 (105.26)	Pass

Please note the table above shows compliance to partial requirements of the AAMA/WDMA/CSA101/I.S.2/A440-11/17 standards. The reader should be advised that the final report including product description and drawings will be issued.

Reported by:


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