

<p><b>Forced Entry Resistance Test</b> - Clause 5.3.5/ 9.3.5 – AAMA/WDMA/CSA101/ I.S.2/A440-08/11 (NAFS – 2008/2011) Test Date: 11 October 2017 Test method: AAMA 1304</p>	<p>All side-hinged door systems shall conform to <b>AAMA 1304</b>. Each operable leaf shall be tested, regardless of active or passive designation. The load application tool must apply a load over an area no less than 20 cm<sup>2</sup> (3 in<sup>2</sup>) and no more than 40 cm<sup>2</sup> (6 in<sup>2</sup>) utilizing a material which will not measurably deform under the applied load. Single individual point load shall be applied in any direction that would tend to open the leaf (each operable leaf lock stile corner and above the lock). Five cycles of opening, closing and locking prior to testing (active and passive leaf). At the conclusion of testing, there shall be no opening through which access to the interior hardware, locking devices, or where the hardware could be manipulated. In addition there shall be no opening which allows for entrance through the tested specimen. The leaf shall remain locked and closed. Locks and hinges shall not disengage. Load: 135 Kg (300 lb.) (1335 N) Load duration: <b>30 seconds</b></p>	<p>No opening through which access to the interior hardware, locking devices, or where the hardware could be manipulated has been observed. In addition there is no opening which allows for entrance through the tested specimen. The leaf remained locked and closed. Locks and hinges did not disengage.</p>	<p><b>Passed</b></p>
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**4.2 AUXILIARY (DURABILITY) TESTING RESULTS**

TEST	SPECIFICATIONS / REQUIREMENTS	TEST RESULTS	GRADE / RATING
<p><b>Cycling Performance Test</b> – Clause 5.3.6.10/6.4.7 – AAMA/WDMA/CSA101/ I.S.2/A440-08/11 (NAFS – 2008/2011) Test Date: 16 October 2017 Test method: AAMA 920</p>	<p>The door shall be tested to the minimum <b>25,000 cycles</b>. From the fully closed position, one complete test cycle shall consist of opening the active door panel to open 60 degrees ± 5 degrees and then closing the door back to the fully closed position. The test specimen shall be cycled at a rate of between 12 - 24 CPM. The speed used to open and close the door shall be essentially equal and dwell times kept to a minimum. At the conclusion of the test, there shall be no evidence of failure to the door panel or door panel construction, as per AAMA 920-13 – Clause 6.0</p>	<p>Door was tested to <b>25000</b> cycles. No damage or failure of door panel and/or frame noted.</p>	<p><b>Passed</b></p>