



September 25, 1999  
Revised January 25, 2000  
File # 357

Test Report Number  
# 99-357-3-TLR

Won-Door Corporation  
1865 South 348 West  
Salt Lake City, Utah 84104

Attention: Mr Carl Goodman  
Subject: Won-Door Fire Guard Special Purpose Fire Door  
Reference: UBC Standard 7.2 (1997), Section 7.210, Smoke & Draft  
Control Door Assemblies

Dear Mr Goodman,

On September 24, 1999, Enterprise Engineering Laboratory, Inc conducted a test and evaluation of the Won-Door Fire Guard Special Purpose Fire Door, for compliance to the above referred test standard. The test was conducted at the Won-Door Corporation facility in Salt Lake City, Utah.

For the test a standard Fire Guard Special Purpose Fire Door, measuring 10'8 5/8" by 8'10" was installed in the wall opening of the test chamber with an artificial bottom seal across the full width of the bottom of the door assembly. The door assembly was then covered with an impermeable plastic sheet and the Extraneous Chamber Leakage Test specified in Paragraph 7.210 4.1 conducted. Immediately following the door assembly was subjected to the Ambient Temperature Test (Para 7.210 4.2) and the leakage rate at each test point recorded. The door assembly had a leakage rate of 2.854 cfm per square foot of door opening at 0.10-inch water, which does not exceed the 3.0 cfm per square foot of door opening at 0.10-inch water specified in Condition of Acceptance (Para 7.210.6).

The Elevated Temperature Test (Para 7.210 4.3) was not performed at this time as representative test data exists to verify that ambient temperature results in higher leakage rates (Ref. Para 7.210 3.2).

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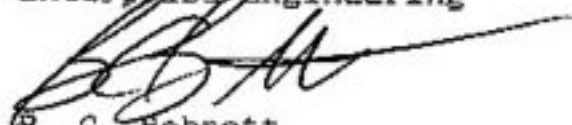
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Testing was conducted on the standard Fire Guard model without liner. Since addition of the temperature rise liner would only improve the performance, it was not deemed necessary to repeat the test for temperature rise doors.

Should you have any questions in regard to this matter, please contact me.

Sincerely,  
Enterprise Engineering



B. C. Robnett  
General Manager

BCR/sg