

FIRE DOOR LISTING PROGRAM

Customer: Hamilton Security.
Class: Fire Doors
Location: Milford, Ohio
Website: <https://hamiltonsecuritysolutions.com/>

Listing No. F477-1
Project No. F477-1 Edition 1

Effective Date: September 15, 2023
Last Revised Date: September 15, 2023

Standards: UL 10B *Fire Tests of Door Assemblies*
 UL 10C *Positive Pressure Fire Tests of Door Assemblies*
 NFPA 252 *Standard Methods of Fire Tests of Door Assemblies*

Product: Hamilton Security 90-Minute Vault Fire-Resistance Rated Door and Frame Assemblies

Markings: See [FD001 - Fire Door Labeling requirements](#)

Models: **90-MINUTE FIRE-RESISTANCE RATED VAULT DOOR AND FRAME ASSEMBLIES OF THE FOLLOWING SPECIFICATIONS:**

Model	Dimensions				Rebar Reinforcement	Shell Material
	Overall Thickness		Opening			
	Door	Frame	Width	Height		
HUD-1-RS3680	4" (102 mm)	6.63" (168 mm)	3'0" (914 mm)	7'8" (2337 mm)	One Layer 4"x4"x3/8" (102x102x9.5 mm)	11 ga. (3.04 mm) HRPO Steel
HUD-2-RS3680	6" (152 mm)	8.63" (219 mm)	3'0" (914 mm)	7'8" (2337 mm)	Two Layers 4"x4"x3/8" (102x102x9.5 mm)	11 ga. (3.04 mm) HRPO Steel
HUD-3-RS3680	10" (254 mm)	12.63" (321 mm)	3'0" (914 mm)	7'8" (2337 mm)	Two Layers 4"x4"x3/8" (102x102x9.5 mm)	11 ga. (3.04 mm) HRPO Steel
HUD-M-RS3680	3.25" (82.6 mm)	5.88" (149 mm)	3'0" (914 mm)	7'8" (2337 mm)	One Layer 4"x4"x3/8" (102x102x9.5 mm)	11 ga. (3.04 mm) HRPO Steel

Products are Category A for use in Positive Pressure applications.

Vault Door Hardware is to be installed as per Hamilton Security specifications.

Notes: *Refer to QAI evaluation report F477-1 and the applicable test reports for test assembly configurations used for fire endurance testing.*

Refer to the [QAI FD002 - Fire Door Guidelines for general guidelines of fire door assemblies](#)

Final acceptance of the product in the intended application is to be determined by the authority having jurisdiction (AHJ).

Product is to be installed in accordance with the manufacturer's published installation instructions by qualified installing personnel.

The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI. No warranty is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at www.qai.org for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.
