



Horizontal Sliding Fire Doors by Won-Door

The below information is to assist in the specification of **Won-Door FireGuard** and **Won-Door Moveable Fire Wall**. Both **Won-Door FireGuard** and **Won-Door Moveable Fire Wall** are manufactured by Won-Door Corporation in America. Won-Door NZ/AU are the licensee for Won-Door products in the South Pacific.

Won-Door FireGuard is a non-insulated model horizontal sliding fire door available up to (-/120/-)

Won-Door Moveable Fire Wall is an insulated model horizontal sliding fire wall available up to (-/120/120)

Won-Door FireGuard

Around 90% of the fire doors we import from the US and supply here in NZ/AU are this non-insulated model **Won-Door FireGuard**. This product is tested by Underwriters Laboratory in the USA as a 180min assembly and has been assessed by BRANZ to AS1530.4 for "at least 2 hours integrity" rating. As such we supply the door here in the South Pacific as a (-/120/-) fire rated door. Key features of **Won-Door FireGuard**.

- Assessed by BRANZ to AS1530.4 for at least two hours integrity (-/120/-)
- U.L. Listed for up to 3-hours ("A" Label) and tested in accordance with U.L. 10B-10C
- Designed to meet all egress requirements for IBC Chapter 10 and NFPA Chapter 7
- Automatic closing system listed in accordance with U.L. 864/294
- Virtually no restrictions in width, with heights available up to 8.534m tall
- Single Parting or Bi-Parting configurations
- Straight and Curved openings
- Push to open egress hardware (Fire Exit Hardware)

Video of Won-Door FireGuard at Massey University

<https://www.linkedin.com/feed/update/urn:li:activity:6977920228290691073/>

Won-Door Moveable Fire Wall

Should an insulated door be required we can supply the **Won-Door Moveable Fire Wall**. This model has been tested in accordance with ANSI/UL263 (ASTM E119, NFPA No. 251) in USA and 2 options are available.

- I. Won-Door Moveable Fire Wall 1 (MFW1) with an FRR -/60/60.
- II. Won-Door Moveable Fire Wall 2 (MFW2) with an FRR -/120/120.

There are some design limitations with **Won-Door Moveable Fire Wall** to be aware of.

- Takes up more stack space in the pocket as it is lined inside with an insulation blanket
- Only available as a Single Parting configuration (not Bi-Parting)
- Only available for straight openings (no curves)
- Maximum size restriction of 9.144m wide and 3.740m high*
- A more expensive solution than the non-insulated model Won-Door FireGuard

* Won-Door Corporations height restriction on this insulated MFW used to be 3.048m. However, in 2017 Underwriters Laboratory approved manufacture up to 3.740m high. For projects outside of America, Won-Door Corporation advise the project Fire Engineer review and approve the use of the increased size.

Video of Won-Door Moveable Fire Wall at Lyttleton Port

https://www.linkedin.com/posts/won-door-nz-au_passivefireprotection-fireprotection-fireengineering-activity-6992970148861161472-Obex?utm_source=share&utm_medium=member_desktop

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