

**Q. What does FRP stand for?**

A. Fiberglass Reinforced Polyester. You will also see it refer to as Fiberglass Reinforced Plastic.

**Q. What are the main advantages of FRP doors?**

A. The main advantages of the FRP doors are the durability of construction and lightweight design. Compared to steel doors, the FRP door is much better at withstanding impacts without denting. The lightweight materials allow for a longer life span of the total opening as there is less stress on the frame and hardware.

**Q. Does the FRP door perform well in highly corrosive areas?**

A. The combination of aluminum and Fiberglass Reinforced Polyester skins make the FRP door resistant to water and chemicals.

**Q. Are visions available?**

A. The FRP door comes with a wide range of window options. The window kit is an extruded aluminum kit. See our technical information for details. The glass can also be factory installed.

**Q. What maintenance needs to be done to the FRP door?**

A. The durable finish of the FRP door requires little maintenance. Occasional cleaning as needed with common cleaners is sufficient. Please follow instructions with any cleaning product to ensure compatibility. We recommend the use of environmentally friendly products.

**Q. Can you have thermal bow with a FRP door?**

A. Any type of insulated door, steel or FRP can experience thermal bow when extreme temperature differences exist from the inside to the outside of the door. Many factors can contribute to this. Dark colored door skin facing the sun or air conditioned building are two examples of major occurrences. We recommend lighter colors be used on southern exposed sides of buildings or provide shade using overhangs and/or trees.

**Q. Is ElectroLynx available with FRP doors?**

A. Yes, any FRP door ordered with ASSA ABLOY electrified hardware will be provided with the ElectroLynx cable system. This also includes the PoE option.

**Q. What is the FRP frame?**

A. The FRP Door System offers an option for an exterior aluminum frame. The frame is an aluminum alloy tube backer with applied stops. See the FRP frame technical sheets for more details.

**Q. Does the FRP door have to be hung with an aluminum frame?**

A. No, the FRP door can also be installed in a hollow metal frame. ASSA ABLOY offers a wide selections of hollow metal frames to satisfy numerous opening requirements.

**Q. What type of warranty is available with the FRP Door System?**

A. We warrant our FRP Door System against defects in workmanship and materials for 10 years. See details of the warranty on our website.

**Q. What materials does the FRP door consist of?**

A. The internal parts including the door edges of the FRP door are aluminum alloy. This includes any surface hardware reinforcements. The core is high density water blown polyurethane that is injected into the door, thus ensuring thermal efficiency. The door faces are made of a durable Fiberglass Reinforced Polyester skin.

**Q. How does the FRP aluminum frame install in a wall?**

A. The aluminum tubular frame is butted to the wall and anchored with expansion bolts. Detailed instructions are available on our website. Expansion bolts are not included with the standard frame but can be added as an option.

**Q. Can the FRP door be fire rated?**

A. Fire-rated FRP door is available in 20, 45, 60 and 90 minute fire ratings by Warnock Hersey. The fire-rated construction features a composite or mineral core. FRP faces and stainless steel edge guards.

**Q. Can the FRP door be hurricane rated?**

A. The FRP door and aluminum frame can be hurricane rated at +/- 60 psf and +/- 70 psf design pressure using the proper hardware provided in the FRP technical documentation.

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