
Product Specification Information

ARCOPLAST FRP Insulated Doors

Fiberglass Reinforced Plastic with Gel Coat Finish

USE/APPLICATIONS

Arcoplast FRP Insulated Doors are used in interior or exterior walls and partitions exposed to:

- High impact traffic
- Extreme moisture conditions
- Harsh environmental conditions
- Occupancies requiring smooth, sanitary surfaces, and subjected to a high degree of maintenance

Occupancies benefiting from *Arcoplast FRP Insulated Doors* include:

- Facilities that process, handle, or store dairy, poultry, meat, or other food products
- Laboratories with finishes exposed to chemical attack
- Hospitals, infirmaries, or healthcare facilities with essential sanitary requirements
- Plants manufacturing pharmaceuticals or other products requiring sterile environments

PRODUCT DESCRIPTION

Arcoplast FRP Insulated Doors are manufactured using RTM (Resin Transfer Molding) technology. This unique process delivers a complete glass, resin and gel coat construction with faces and wrapped edges, resulting in a fully sealed door unit with vision light built-in.

Arcoplast FRP Insulated Doors are dimensionally stable, reversible, flush, sealed panels designed and fabricated to suit aesthetic and functional requirements of exacting, high-performance occupancies.

Arcoplast FRP Insulated Doors are resistant to:

- Oxidation
- Corrosion
- Most acids (Contact Arcoplast for reaction to specific chemicals.)
- Discoloration or staining
- Repeated washing or cleaning

TECHNICAL DATA

Sizes:

Thickness: 1-3/4" (45 mm)

Height: 6'11" (2108 mm)

Widths:

- 35-5/8" (905 mm)
- 47-5/8" (1210 mm)

Weight:

- Panel size 35-5/8" x 6'11" – 65 lbs.
- Panel size 47-5/8" x 6'11" – 100 lbs.

Color: White

Finish (facing & edges): Fully sealed, impact resistant, hard, high-gloss, chemical and moisture resistant, seamless gel coat applied over polymer resin, and reinforced with two layers of 1-1/2 oz. fiberglass mat

Stiles: Flat steel 1/8" x 1-1/2" x 6'11" (both edges)

Core: Rigid closed cell polyisocyanurate foam, compressive strength 70 lb/in², R – 5.7/in.

Vision light (square): 18" x 18" (457 mm x 457 mm) vision light such as safety glass, polycarbonate, or acrylic pane fitted with an extruded rubber gasket

INSTALLATION

Arcoplast FRP Insulated Doors are installed using the same techniques, tools, and hardware as specified for conventional doors. Surface-mounted hardware is recommended. Consult hardware supplier for appropriate selection.

Caution: To ensure permanent moisture resistance, it is recommended that the edges are not trimmed, planed, or rabbeted.

MAINTENANCE

Arcoplast FRP Insulated Doors are easily maintained using clean cloths, paper towels, or sponges. Use water incorporating soap or non-etching cleaners or solvents. Do not use abrasive cleaners or concentrated acid solutions.

WARRANTY

Arcoplast FRP Insulated Doors are warranted to be free of defects in materials in or workmanship. Color may vary slightly between units manufactured in different production runs.

Because Arcoplast, Inc., has no control over installation of *Arcoplast FRP Insulated Doors*, nor over conditions of use and maintenance, the manufacturer disclaims the creation of any express or implied warranties, other than described herein, including warranties of merchantability and fitness for the particular applications.

Users may determine suitability of *Arcoplast FRP Insulated Doors* for their occupancy conditions by contacting Arcoplast, Inc.

Buyers' remedy for loss or claim resulting from the use of *Arcoplast FRP Insulated Doors* is limited to replacement of the defective product or, at the manufacturer's option, refund of the purchase price.

Arcoplast, Inc., will not be liable for any special, incidental, consequential, exemplary, or punitive damages.

MANUFACTURER

Arcoplast, Inc.
1873 Williamstown Drive
St. Peters, Missouri 63376
Phone 888-736-ARCO
Fax 636-978-7782

For additional information concerning selection, installation, or maintenance of *Arcoplast FRP Insulated Doors*, contact the manufacturer's Technical Services Department.