

*Fiberglass Architectural
Style Doors & Frames
for “TUF”
Environments*

A division of Jamison Door Company



*The Solution for “Tuf”
Environments*

Jamotuf doors and frames offer:

- ➔ Durability
- ➔ Corrosion resistance
- ➔ Low maintenance
- ➔ Lifetime corrosion warranty

Dependable lead times, quality products, and excellent customer service.

Overview

Since 1906, **Jamison Door Company** has sustained growth and innovation as the world's largest cold storage door manufacturer.

Jamison Door Company introduced their first fiberglass door with the manufacture of the Jamolite product line in 1958. Now with nearly 60 years of experience creating and perfecting fiberglass doors, **Jamison** has introduced its subsidiary company, **Jamotuf**, LLC, specializing in 1-3/4" thick fiberglass doors with fiberglass frame options.

The smooth gloss gelcoat surface is exceptionally clean, non-porous, and non-absorptive.

The Benefits of Jamotuf

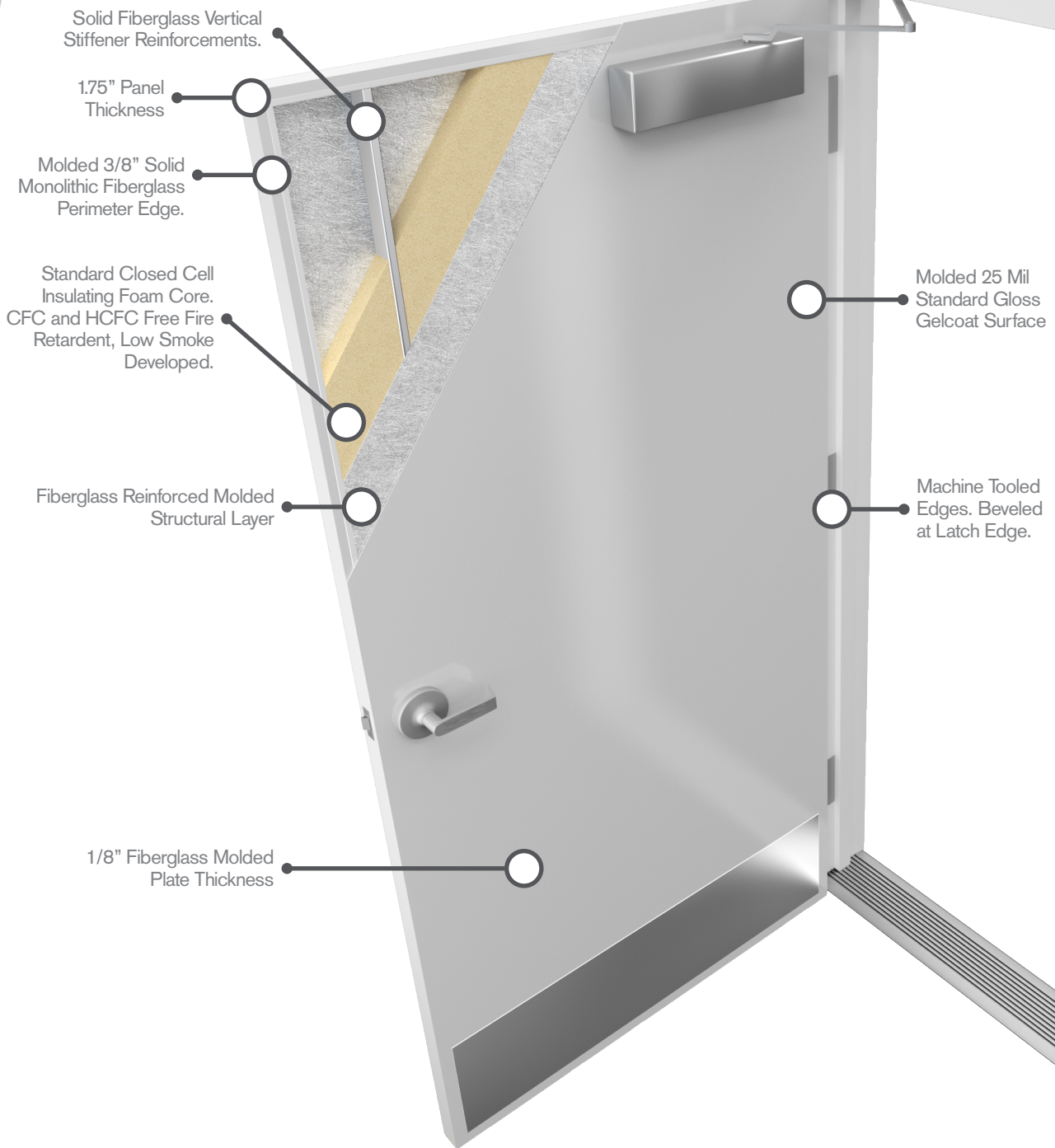
- ➔ Durability – low maintenance
- ➔ Corrosion resistant
- ➔ Lifetime corrosion warranty

Jamotuf Features

- ➔ Monolithic molded construction for a true seamless impermeable outer shell.
- ➔ Molecular crosslinking of all six sides of the door ensures integrity of the seamless design.
- ➔ Outer shell is press-molded to composite core materials for a variety of applications and designs.
- ➔ A wide range of hardware preps or Grade 1 hardware accessories.
- ➔ Installation of factory supplied finish hardware available

Markets Served

- | | | |
|---|--|---------------------------------|
| ➔ Food Processing | ➔ Coastal Applications | ➔ Kennels |
| ➔ Water & Wastewater Treatment | ➔ Vivariums | ➔ Chemical Plant |
| ➔ Clean Room | ➔ Hospitals Military / Govt. Installations | ➔ Paper Mills |
| ➔ Pharmaceuticals | ➔ Sound Walls | ➔ Restaurants |
| ➔ Mining – Salt / Minerals Laboratories | ➔ Equipment Shelters | ➔ Parks & Recreation Facilities |
| ➔ Aquatic Facilities | ➔ Zoos | ➔ Power Plants |
| ➔ Schools | ➔ Veterinary Medicine | |



*Seamless design
for a variety of
applications.*

JAMISON JAMOTUF®





Tuf and Beautiful.

Jamotuf Standard Door Construction Details

- ➔ 25 MIL Molded Gloss Gelcoat Surface
- ➔ Fiberglass Reinforced Molded Structural Layers
- ➔ Molded 3/8" Solid Monolithic Fiberglass Perimeter Edge
- ➔ Solid Fiberglass Vertical Stiffener Reinforcements
- ➔ 1.75" Panel Thickness
- ➔ 1/8" Fiberglass Molded Plate Thickness
- ➔ Machine Tooled Edges, Beveled at Latch Edge
- ➔ Standard Closed Cell Insulating Foam Core CFC and HCFC Free
Fire Retardant Low Smoke Developed
- ➔ **Option:** Polypropylene honeycomb where specifications, codes, or
other customer preference indicated

An aesthetically pleasing combination of form and function.

Standard Fiberglass Frame Construction Details

- Reinforced for overhead closers, holders, or stops
- Mitered and reinforced for strength and accurate installation
- Reinforced for hinges and anchors as required
- Mortised and reinforced for strikes as required
- Floor anchors reinforced and provided at new masonry installations 1-1/2" equal leg fiberglass angle

Standard Fiberglass Frame Profiles

- 5-3/4" double rabbet
- 4" single rabbet
- 5-3/4" double rabbet window
- Adjustable cased openings
- Adjustable double rabbet for custom depths

Jamotuf Frame Profiles are pultruded in standard colors with a molded semi-gloss finish. The innovative pultruded finish is an industry first in the corrosion door market and yields the most aesthetically pleasing product appearance of its kind.

Standard Colors Available



White



Light Gray



Beige



Dark Brown

Color representations are subject to electronic copy, sheen and lot to lot variations. Actual product may vary.



**PROVIDING PEACE OF MIND
IN THE MOST DEMANDING
ENVIRONMENTS.**

Jamotuf frame profiles are pultruded in standard colors with color pigments molded into the profile, yielding the highest quality frame pultrusions made in the USA.

Jamotuf profiles are designed to meet or exceed the values as shown.

Property (Coupon values)	ASTM Test	Units	Value
Mechanical			
Tensile Strength	D638	psi	33,000
Tensile Modulus	D638	10 ⁶ psi	2.5
Compressive Strength	D695	psi	33,000
Compressive Modulus	D695	10 ⁶ psi	3.0
Flexural Strength	D790	psi	33,000
Flexural Modulus	D790	10 ⁶ psi	1.6
Interlaminar Shear ¹	D2344	psi	4,500
Notched Izod Impact	D256	ft-lbs/in	28
Maximum Bearing Strength	D953	psi	30,000
Poisson's Ratio	D3039	in/in	0.35
In-Plane Shear	Modified D22344 ²	psi	7,000
Physical			
Barcol Hardness ³	D2583		45
Water Absorption	D570	% Max	0.6
Density	D792	lbs/in ³	0.060 - 0.070
Specific Gravity	D792		1.66 - 1.93
Coefficient of Thermal Expansion	D696	10 ⁶ in/in/°F	4
Flammability Classification	UL94		(VO)
Tunnel Test	E-84		25 Max

¹ Represents typical results based on a 3:1, span to depth ratio.

² Modification of ASTM D2344 is to rotate coupon 90° (cut section of coupon length faces up).

³ Jamotuf uses a surface veil that reduces the Barcol Hardness, but does not reflect lack of cure.



Combine stainless and fiberglass products to meet your needs.

Stainless Steel Doors

- Stainless hollow metal doors
- Stainless steel reinforcing channels
- Fully welded hinge and lock edges
- Mortised and reinforced for hardware
- Polystyrene, honeycomb and vertically stiffened doors available

Optional Stainless Steel Frame Construction Details

Standard profile is 5-3/4" depth and 2" face with options for custom profiles.

- Stainless hollow metal frames
- Head and jambs with tab-and-slot arrangement
- Minimum of three anchors per jamb
- Floor anchor at bottom of each jamb, as required
- Cutouts made to fit the specified hardware
- Standard and custom openings

Certification

Certified labeled products manufactured in strict accordance with the specifications and procedures as determined by Underwriters Laboratories or Warnock Hersey International testing and inspecting services. Certified labeled doors meet every requirement for fire protections and are labeled accordingly:

- **A Label** = 3 Hours
- **B Label** = 1-1/2 Hours
- **C Label** = 3/4 Hour
- **20 Minute Label**

JAMISON JAMOTUF®

Available Door Hardware







JAMISON JAMOTUF®

Jamison Door™
55 JV Jamison Drive
Hagerstown, MD 21740

📞 1-800-JDC-DOOR (1-800-532-3667)
www.jamisondoor.com