



OSHKOSH

Door Company

VALUE ADVANTAGES OF

Cor-Guard

FRP DOORS AND FRAMES



Cor-Guard provides cost effective solutions for those applications where wood, hollow metal, aluminum or stainless steel are not as suitable.

- **FRP vs Wood – FRP not affected by moisture even if submersed for extended periods of time.**
- **FRP vs Hollow Metal – FRP won't rust like HM when exposed to fresh or salt water. Initial cost is more but becomes less the first time the HM door has to be replaced.**
- **FRP vs Aluminum and Stainless Steel – Unlike many Aluminum and Stainless Steel doors Cor-Guard FRP doors are flush and sealed on all six sides. This eliminates any cracks or crevices that could trap and hold harmful chemicals or bacteria. Chemicals that may discolor aluminum and stainless have little affect on FRP. Cor-Guard FRP doors cost substantially less than aluminum and stainless steel doors.**



The perfect solution for the following applications and more:

- **Hospital operating and clean rooms**
- **Pulp and paper mills**
- **Food processing facilities**
- **Swimming pool areas**
- **Laboratories and chemical storage**
- **Wastewater treatment plants**
- **Car washes**
- **Animal containment**
- **Fisheries**
- **Coastal areas exposed to salt water**
- **High velocity hurricane zones**



When it comes to dealing with severe weather Cor-Guard is ready. Our Cor-Guard “Plus” door and frame are Florida Building Code and Texas Department of Insurance Windstorm Approved.

Florida approval #FL12845

Texas approval # DR390





The specially designed polymer materials used in our door construction provides superb strength without adding weight. Our doors weigh less than 3Lbs per square foot or roughly 60 lbs for a 3-0x7-0 door. Even at this light weight they passed all the following tests required to be used in high velocity hurricane zones.

Design Pressure of 70 PSF with overload to 105 PSF

Air Infiltration -	TAS 202 (ASTM E 283)
Water Infiltration –	ASTM E331 LW
Static Load –	TAS 202 (ASTM E330)
Forced Entry Resistance –	TAS 202
Large Missile Impact –	TAS 201 (ASTM
E1886/E1996)	
Cyclic Load –	TAS 203 (ASTM
E1886/E1996)	



It doesn't matter if your project is in the desert or the frozen tundra Cor-Guard doors are at home regardless of the weather conditions. Our polystyrene core provides excellent insulation against the transfer of both heat and cold.

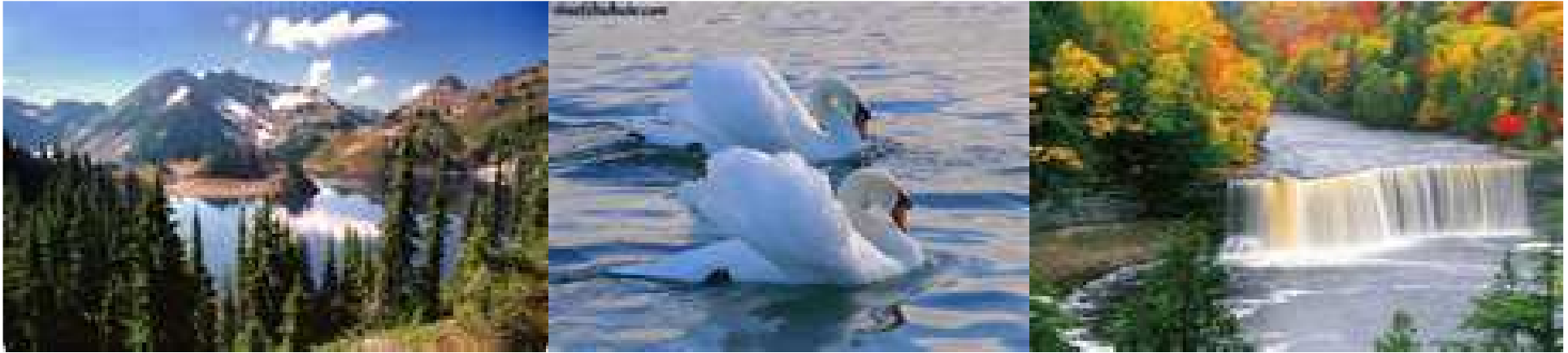
Cor-Guard



USDA approved

The perfect solution for all types of food processing facilities.

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Concerned about the Environment? So are we

For this reason our standard finish is a water based specifically designed for application on FRP products. It is not only more environmentally friendly than urethane or gelcoat finishes it allows us to easily custom match to your color scheme rather than forcing you to select from standard finish color options.

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When designing our door we kept our customers in mind. Including those who install it originally and those that have to maintain the opening for years to come.

- **At 60 lbs for a 3-0x7-0 door one person can easily carry and hang the door without help. Even a 4-0x9-0 door only weighs 103 lbs, still less than a 3-0x7-0 wood or metal door.**
- **The light weight also reduces the wear and tear on the hardware installed on the door.**
- **No need for heavy weight hinges or pivots on large openings there by reducing hardware costs.**

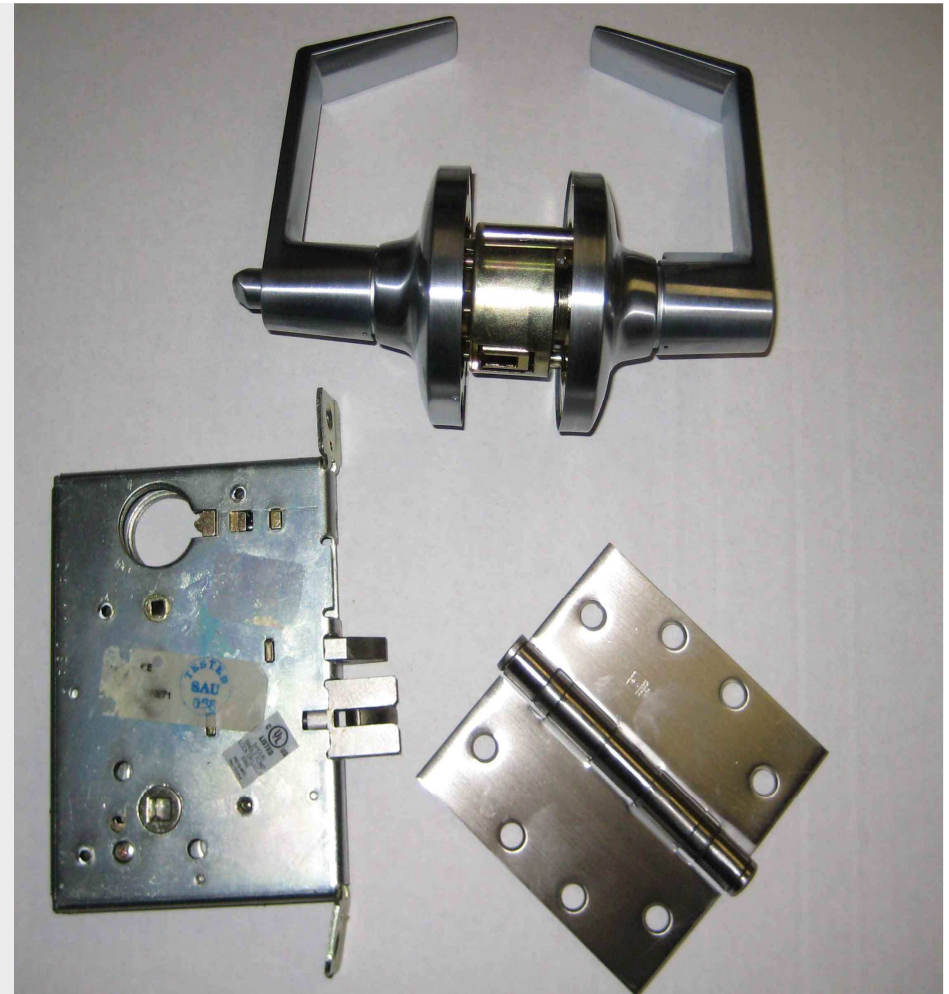


- **Our unique polymer stile and rail system can be machined or trimmed with standard carbide wood working tools. This allows for easy modification or field fitting to existing frame conditions.**
- **Wide bottom rails allow for field trimming to allow for thresholds or uneven floor conditions.**
- **Unlike many of our competitors, who only provide reinforcements where the hinges or locks are located, our stiles are fully reinforced full length. This allows for field alteration or re-machining and reuse of the door in a different location. The stiles on our doors have screw withdrawal rating exceeding 1000 ft lbs per screw.**

HARDWARE SOLUTIONS

- We can supply a full line of grade 1 or 2 hardware with your door and frame order.
- We also offer installation of the hardware on the door at the factory. The hardware can be supplied by us or you.
- Plus we can pre-hang the door in the frame if you like.

Let us know what you need and we will provide a solution.



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DOOR OPTIONS

- Sizes up to and including 4-0x10-0
- 1 3/4" thickness is standard but we are not limited to that. Doors are available in thicknesses from 1 3/8" to 2 1/4".
- Polymer vision kits are factory installed with glass in sizes ranging from 10x10 to full glass.
- Polymer louvers are factory installed in sizes ranging from 12x12 to full louver.
- Doors can be factory machined for templated hardware or due to our unique construction field machined by the customer if desired.
- Doors can be constructed to accommodate special applications such as overhead rail systems etc. Simply provide us a drawing.
- Doors are primed for field painting or factory finished to your specified color.



FRAME OPTIONS

- 5 ¾" is our standard jamb depth but other depths are available ranging from 4" to 8 ¾"
- Frames can be knock down for field assembly or chemically welded at the factory and shipped fully assembled.
- Frames can be anchored into the walls with metal stud anchors, masonry wire anchors, masonry T anchors or the frames can be prepped for installation using existing masonry anchors.
- Head bars can be 2" or 4" as specified
- Frames are available with sidelights, transom bars and as borrowed lights.
- Frames are primed for field painting or factory finished to your specified color.





- At Oshkosh Door we understand that in today's market, time is of the essence. This is especially true with FRP doors since they are often replacing units that are failing due to rust or corrosion. For this reason we offer an **SOS** program for the Cor-Guard FRP doors and frames as well. Normal lead time runs 4-5 weeks after we have the complete info to manufacture the order. Under the **SOS** program most material can ship in 10 working days or less. There are no set parameters for the program just tell us what you need and by when. We'll do our best to accommodate your needs.





Thank You for taking the quick tour.

Please continue to browse our site for more information. If you aren't finding what you are looking for please contact us at.

770-513-0047 or email sales@cor-guard.com

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