



LIFE CYCLE COST ANALYSIS 2015

FIBERGLASS DOORS & FRAMES: FROM THE OWNERS PERSPECTIVE IN A HIGHLY CORROSIVE ENVIRONMENT. BASED ON A 3'0" X 7'0" OPENING.

<u>DOOR TYPE</u>	<u>INITIAL COST</u>	<u>LIFE EXPECTANCY</u>	<u>24 YEAR REPLACEMENT COST</u>	
Hollow Metal cold rolled steel	\$ 580 \$ 300 Install <u>\$ 125</u> Paint \$1,005	2 years	New door & frame Remove old opening Install new opening Paint new opening	\$580= \$ 6,960 \$300= \$ 3,600 \$300= \$ 3,600 \$125= <u>\$ 1,500</u> \$15,660
Hollow Metal galvanized	\$ 700 \$ 300 Install <u>\$ 125</u> Paint \$1,125	4 years	New door & frame Remove old opening Install new opening Paint new opening	\$700= \$ 4,200 \$300= \$ 1,800 \$300= \$ 1,800 \$125= <u>\$ 750</u> \$ 8,550
304 Stainless Steel with a #4 finish	\$3,023 <u>\$ 300</u> Install \$3,323	Varies	Varies	
Fiberglass	\$1,430 <u>\$ 300</u> Install \$1,730	Indefinitely	NONE	

Stainless Steel is significantly more expensive than Corrim FRP.

One initial Hollow Metal cold rolled steel installation (\$1,005) plus one replacement cost installation (\$1,305) equals \$2,310 and therefore *exceeds* the initial cost of one FRP opening.

One initial Hollow Metal galvanized steel installation (\$1,125) plus one replacement cost installation (\$1,425) equals \$2,550 and therefore *exceeds* the initial cost of one FRP opening.

Savings with Corrim FRP versus Hollow Metal cold rolled steel over the buildings life is \$13,930.

Savings with Corrim FRP versus Hollow Metal galvanized steel over the buildings life is \$6,820.

In the final analysis, life cycle costs associated with the use of the Corrim FRP (Fiberglass Reinforced Plastic) Door & Frame System is the most economical and maintenance free answer to your client's immediate and long term needs in a corrosive environment.