

# How does FRP Stack up?

When compared to conventional products, does FRP have what it takes?

	Steel	Aluminum	Wood	FRP
EFFECTS OF CORROSION	HIGH	MODERATE	HIGH	 <i>Corrosion Resistant</i>
MAINTENANCE REQUIREMENTS	HIGH	HIGH	HIGH	 <i>Low Maintenance</i>
SLIP RESISTANCE	LOW	LOW	MODERATE	 <i>Slip Resistant</i>
WEIGHT	HIGH	LOW	MODERATE	 <i>Lightweight</i>
STRENGTH-TO-WEIGHT RATIO	LOW <small>*VERY HEAVY</small>	MODERATE	HIGH	 <i>High Strength:Weight Ratio</i>
INSTALLATION COST	HIGH	HIGH	LOW	 <i>Low Installation Cost</i>
SERVICE LIFE	MODERATE	LONG	SHORT	 <i>Long Service Life</i>
EFFECTS FROM IMPACT	HIGH	HIGH	HIGH	 <i>Impact Resistant</i>
ERGONOMIC	LOW	LOW	MODERATE	 <i>Ergonomic</i>
CONDUCTIVITY <small>*ELECTRICAL AND THERMAL</small>	HIGH	HIGH	LOW	 <i>Electrically &amp; Thermally Non-Conductive</i>
FIRE RETARDANCE	HIGH	HIGH	LOW	 <i>Fire Retardant</i>
UV RESISTANCE	LOW	LOW	HIGH	 <i>UV Resistant</i>