

Resin Type

- Corrosion costs around 4% of GDP
- Corrosion and repair of corrosion damage are a multimillion Euro problem
- Every 90 seconds, across the world, one tonne of steel turns to rust
- Every second tonne of steel produced is to replace one that has rusted

Corrosion has a significant impact on the total life cycle cost of a plant, but by switching to Relinea's range of GRP products you can eliminate the effects of corrosion. We offer a range of resin types, which gives you a choice depending on the severity of the environment.

Type GP - General Purpose

Designed for applications where there is moderate exposure to corrosive elements. Maximum operating temperature up to 60°C. This resin is ideal for use in water/wastewater treatment applications and marine environments

Type IO – Isophthalic

Excellent corrosion resistance in highly acidic conditions and mild alkalis. Maximum operating temperature up to 90°C. This resin system is ideal in the food industry where detergents are used on a regular basis and also in areas storing mid concentrations of acids and alkalis.

Type VE – Vinyl Ester

Outstanding corrosion resistance in highly acidic and alkali environment. This premium vinyl ester resin system is formulated to resist the highly corrosive properties of acids and alkalis found in the harshest chemical environments. Maximum operating temperature up to 110°C. Can be used in highly corrosive environments including prolonged submersion in chemicals

Type PF – Phenolic

Phenolic Resin is renowned for its superior fire resistance and low smoke properties. These products offer a flame spread of 5 or less with a smoke developed index of 0 (ASTM E-84). Maximum operating temperature up to 180°C. Can be used in areas where fire resistance and low smoke properties are critical such as on the underground and on offshore applications.

Resin Type	RE-GRID		RE-DECK		RE-PLANK		RE-PLATE		Anti-Slip products		RE-STRUCT Profiles	
	Std	Non Std	Std	Non Std	Std	Non Std	Std	Non Std	Std	Non Std	Std	Non Std
GP	X		X				X		X			
IO	X		X		X			X		X	X	
VE		X		X		X		X		X		X
PE		X		X		X		X		X		