

MATERIAL COMPATIBILITY

RIVET	MATERIAL					
	ALUM	AL/ZN COATED STEEL	ZINC COATED STEEL	ST	COPPER	BRASS
ALUMINIUM	YES	YES	?	NO	NO	NO
STEEL Z/P	NO	YES	YES	NO	NO	NO
NICKEL COPPER	NO	NO	NO	YES	YES	YES
ST.STEEL	?	?	?	YES	YES	YES
COPPER	NO	NO	NO	YES	YES	YES

YES COMPATIBLE

NO INCOMPATIBLE
Must not be in contact

? Compatible in rural and mild environments. Some corrosion may occur in marine/industrial environments. Painting both metals would reduce reaction

LIFE EXPECTANCY OF FASTENERS

As a general rule, Fastener Service Life in a corrosive atmosphere is proportional to the thickness of its plating. The thicker the plating the longer it will survive.

Useful Service Life Expectancy

2 inch plated with chromate treatment .0005 in plating thickness up to:

- 20 years indoors
- 4 years in a rural atmosphere
- 2 years in coastal locations
- 1 year in heavily polluted industrial atmosphere

GALVANISED

Hot Dip Galvanised with an average thickness of .002 inches:

- over 40 years in rural atmosphere
- 25-30 years in costal locations
- 5 years or longer in heavy polluted industrial atmosphere