

Guidelines for Selection of Fasteners Based on Galvanic Action

The Specialty Steel Industry of North America

Fastener Metal \ Base Metal	Alum	Copper	Stainless Steel 302/304	Stainless Steel 410	Steel	Zinc & Galv.
Alum	A	C	B	NR	B	A
Copper	AE	A	B	A	AE	ADE
Stainless Steel 302/304	AE	AE	A	A	AE	ADE
Steel	A	C	B	C	A	AD
Tern-plated Steel	AE	C	B	C	AE	ADE
Zinc & Galv.	B	C	C	C	B	A
	A = The corrosion of the base metal is not increased by the fastener	B = The corrosion of the base metal is marginally increased by the fastener	C = The corrosion of the base metal may be increased by the fastener	D = The plating of the fastener is rapidly consumed, leaving the bare fastener metal	E = The corrosion of the fastener is increased by the base metal	NR = Not Recommended