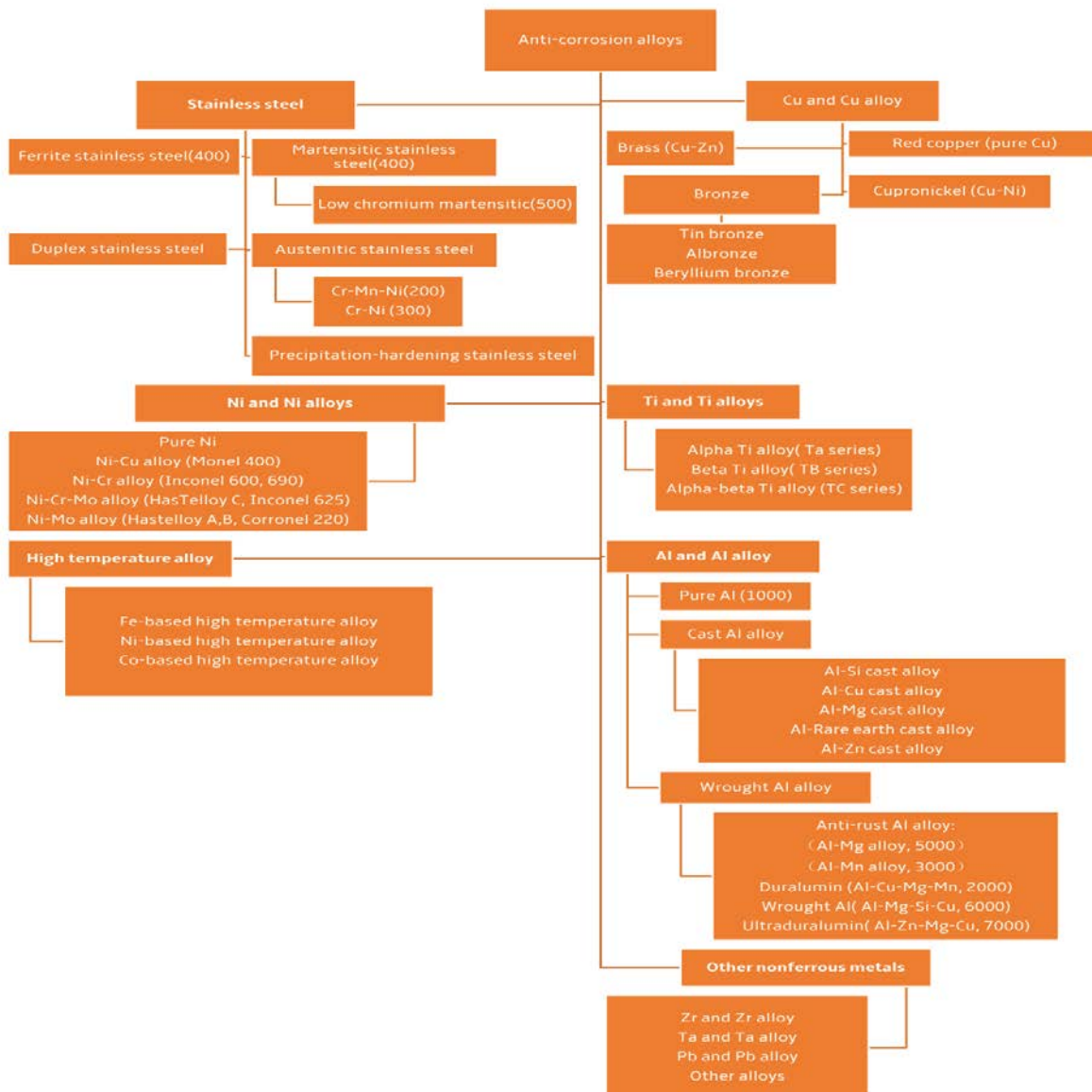


Anti-Corrosion Materials

Description

The corrosive environment which metal materials may encounter is very complicated. The conditions and factors which cause corrosion are different and the forms of corrosion vary accordingly. Some materials may corrode in a environment but not in other surroundings. Choosing the right materials as per applications helps to improve the reliability and adaptability of anti-corrosion materials. Yuxi can provide a series of anti-corrosion materials as per customers' requirements.

Anti-corrosion alloys



Besides, Yuxi can provide the following products:

The highest grade compound board whose compound rate is 100%. Our welding technology is mature and leading at home.

GB/T 8546 TI- Stainless Steel Compound Board

Type	Product Grade		Binding Rate Requirement
	Explosive welding	Explosive rolling	
0	B0	BR0	100%
1	B1	BR1	≥98%, each nonbinding length must be less than 75mm, area less than 45cm ²
2	B2	BR2	≥95%, each nonbinding area must be less than 65cm ²

GB/T 8547 TI- Steel Compound Board

Type	Product Grade		Binding Rate Requirement
	Explosive welding	Explosive rolling	
0	B0	--	100%
1	B1	BR1	≥98%, each nonbinding length must be less than 75mm, area less than 45cm ²
2	B2	BR2	≥95%, each nonbinding area must be less than 65cm ²

GB/T 8165 TI- Stainless Steel Compound board and ribbon

Type	Product grade		Binding Rate Requirement
	Explosive welding	Explosive rolling	
1	B1	BR1	100%, nonbinding length less than 50mm, area less than 9cm ² is allowed
2	B2	BR2	≥99%, each nonbinding length must be less than 50mm, area less than 20cm ²
3	B3	BR3	≥95%, each nonbinding length must be less than 75mm, area less than 45cm ²

NB/T 47002 explosive welding compound board for pressure vessel

Type	Product grade		Binding Rate Requirement
	Explosive welding	Explosive rolling	
1	B1	--	100%
2	B2	--	≥99%, each nonbinding length must be less than 50mm, area less than 20cm ²
3	B3	--	≥95%, each nonbinding length must be less than 75mm, area less than 45cm ²

Ti and Ti alloys

Product Type	Material	Specification(mm)	Applications
Ti/Steel	TA1,TA2,TA9,TA10 /20R,20g,16MnR, 16Mn, Q235 etc	1~12/3~120*2000*8000	Petroleum, vacuum salt making, chlor-alkali, food, fertilizer, container, electroplate, metallurgy
Ti/Stainless Steel	TA1,TA2,TA9,TA10 / various stainless steel etc	1~12/2~120*2000*8000	Petroleum, chlor-alkali, aerospace, astronavigation, low temperature, food, light industry, medicine
Ti/Al	TA1,TA2,TA9,TA10 /L, LY,LF etc	1~10/2~50*2000*8000	Aerospace, chemistry, naval vessel, cooker, brazing filler metal,
Ti/Cu	TA1,TA2,TA9,TA10 /T, H, Q, B etc	1~10/2~50*2000*8000	Electricity, electrolysis, hydrometallurgy,
Ti/Ni	TA1, TA2, TA9, TA10 /N2, N4, N6 etc	1~10/2~50*2000*8000	Metallurgy

Besides, Yuxi can provide customized metal cladding materials supported by advanced explosive cladding technology.