



## Pickling Gr2 Titanium Copper Alloy Plate ASTM B432 For Industry

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: CDX
- Certification: ISO9001:2015 certification
- Model Number: CDX-FH-2021-35
- Minimum Order Quantity: 5 piece
- Price: Negotiable
- Packaging Details: plywood case
- Delivery Time: 5-25 working days
- Supply Ability: 500 piece/week



### Product Specification

- Keyword: Ti Compound Plate For Metal Finishing For Industry Titanium Clad Copper Composite Plate
- Shape: Customized
- Standard: GB/T12769-2003 ASTM B432
- Material: Grade 1 Titanium Gr2
- Base Material: C11000 C12200, Ti-Cu, Ti-Steel, Ti-Al, Ti-Ni
- Advantage: Acid Resistance High Performance
- Shape: Round, round/flat, Round.square, Rectangular
- Surface: Pickling, customers' Requirements
- Highlight: **Gr2 Titanium Copper Alloy,  
ASTM B432 Titanium Copper Alloy,  
Pickling Titanium Alloy Plate**



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## Product Description

# Ti compound plate for metal finishing for industry Titanium clad copper composite plate

### Ti-Clad-Cu specification

Clad metal: Titanium

Thickness of clad metal: 0.5 mm to 3.2 mm

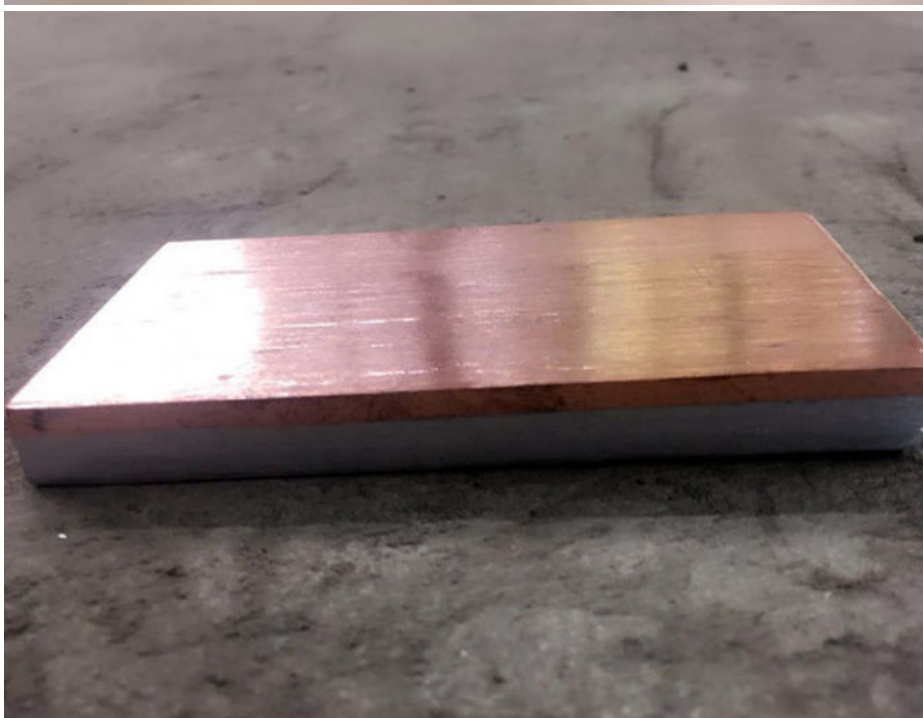
Specification: ASTM B432

Available shape: round rod, square bar, rectangle bar

**Corrosion-resistant metal composite material manufacturer**

**Caustic environmental protection equipment expert**

**Titanium/SS clad copper/Al bar/sheet/wire/tube leading provider**



**Titanium clad copper bar/sheet/pipe/wire and other non-ferrous metals clad composite materials.**

Titanium clad copper bar is a copper bar cladding with a certain thickness of titanium level with metal bonding or explosion bonding technology, mainly used as a stand in plating, electrolysis, hydrometallurgy, PCB processes. Because it has not only the original conductive property of the

copper bar, but also protecting the copper bar from corroded by titanium level, therefore avoid the traditional copper bus bars shortcomings: danger and difficulty changing the anode metals, copper bar corrosion, heat generation caused by the electrical contact resistance in electrolysis and plating defects due to corroded and fallen copper compound, can greatly lower pollution of electrolyte. Now, the submerged Ti clad copper bus bar is the best choice for many industries including print circuit makers, steel (copper, gold) refining manufacturers.

Unsurpassed advantage performance of Titanium Clad Copper bar anode:

- (1) Good Shear and tensile strength: The shear and tensile strength is tested and guaranteed in accordance with GB, ASTM, and JIS.
- (2) Perfect Elongation and Ductility: Elongation and Ductility of cladding metal is guaranteed in face bend (=cladding metal in tension), and the ductility of base metal is guaranteed in reverse bend (=cladding metal in compression).
- (3) Good Hardness: The bonded interface is slightly hardened after explosion bonding. The interface can be softened by heat treatment to an original level. There exists no difficulty in bending and drawing works
- (4) Excellent electrical conductivity: explosions-rolling process of the production make titanium and copper composite close completely with no delamination and therefore has good electrical conductivity, the composite strength of 135Mpa, and micro-resistance for  $7.77 \times 10^{-6}\Omega$
- (5). Fantastic Corrosion Resistance: Explosion bonding, a clad processing, guarantees excellent corrosion resistance of clad materials.
- (6) Great weldability for connecting, capping and joining
- (7) High reliability; High conductivity; Biocompatibility; Weld ability; Cost effective.

Strict Products Inspections to ensue us to provide 100% Titanium clad copper bars and other non-ferrous metals clad composite materials.

Our products 100% Ultrasound inspect and visual Test.

Welcome to contact us for further information !



Provide the most accurate data reports

**Baoji Luox Quality Metals Co., Ltd.**



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