

TIN AND SILVER PLATED COPPER BUS BARS



Tin-plated, electrolytic silver plated and silver flash plated copper bus bars are extensively used in the production of electrical panels, switchboards, switchgears, power transformers and bus ducts.

TIN ELECTROLYTIC PROCESS

In-house tin-plating to produce bright tin deposit with:

- Excellent solderability characteristics
- Constant deposit properties
- Uniform, bright appearance

Coating material: tin anode with 99,9% purity and above

Coating thickness: 3-30 microns and
as per customer requirement

Quality test certificate: adhesion test, tin thickness test

SILVER ELECTROLYTIC PROCESS

In-house silver electrolytic process designed to produce bright silver deposits, white and levelled.

Coating material: silver anode with 99,9% purity and above

Coating thickness: 0,5-30 microns and
as per customer requirement

Quality test certificate: adhesion test, Ag thickness test

Sofia Med produces high quality plated copper bus bars via tin and silver electrolytic processes as per International Standards such as EN, JIS, BS and ASTM, or as per other customer requirements.

SILVER FLASH PROCESS

In-house silver flash process with the following deposit properties:

- Smooth, fine grained
- Low porosity
- Consistent solderability

Silver deposit purity: 99,8 - 99,9%

Coating thickness: from 0,000001" and
as per customer requirement

Quality test certificate: adhesion test, Ag thickness test

Anti-tarnish treatment is available upon request.



plated copper