

## ● Recommendations for Electroplating of Cuponal Busbars

Cuponal may be electroplated to achieve a coating of metals such as nickel (Ni), tin (Sn) or silver (Ag).

An electroplated coating may be achieved on the copper surfaces of the Cuponal bar by following a normal copper plating procedure. This will not necessarily result in a coating also being deposited on the exposed aluminium at the cut ends.

In order to obtain an electroplated coating on all surfaces of a Cuponal bar - i.e. also coating the exposed aluminium at the cut ends - it is necessary to use an aluminium pre-treatment for the whole bar. The process to be followed is a zincating process, and any proprietary process of this nature should be suitable, provided that account is taken of the presence of copper on the other surfaces of the bar. The use of nitric acid should therefore be avoided.

Reputable electroplating specialists should be able to advise on the choice of suitable materials and the associated procedures to achieve satisfactory plating.