

# Insulating Connectors

### Why stainless?

- Durable
- Good mechanical properties.

### Fabrication process:

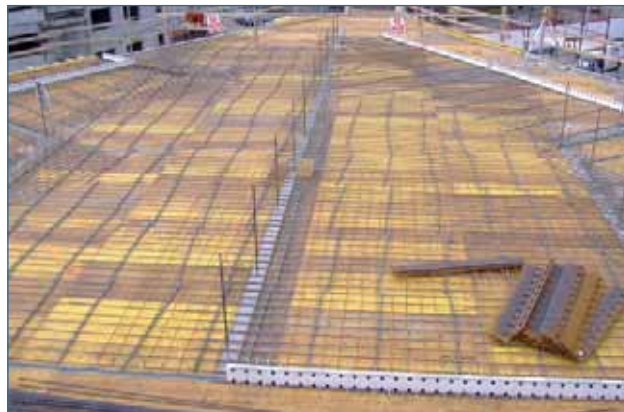
Bending and forming stainless steel rebar.

### Grade:

EN: 1.4462 (ASTM: F51) and EN: 1.4362.

### Manufacturer:

Ancon Building Products, UK (ancon.co.uk).



Images courtesy of Ancon Building Products, UK.

The connector is a structural component used to join external concrete balconies to internal concrete floor slabs. Stainless steel reinforcement bars provide the load transfer and have a long service life. Rigid chlorofluorocarbon-free polystyrene insulation offers improved thermal protection. The connectors are easy to handle and to install.

Stainless steel provides the required strength, corrosion resistance and maintenance-free life in all weather conditions.

This system improves the thermal insulation of buildings by avoiding cold bridging, thereby reducing heat losses and improving comfort inside.



Clockwise from top: balcony connectors in place before concrete is poured, connectors awaiting installation of the balcony, detail of insulated balcony connector.

