

STRUCTURES

TRUSS MADE OF FLAT BARS

This truss is a case between polonceau trusses and Belgian trusses.

The Belgian trusses are made of studs at same distance and crosses.

All of the bars are made of galvanized flat bars “U” profiles; the rafters and the brace are made of double profiles with their wings outside.

All of the joints are built with galvanized plates welded to the profiles when there are double bars; and the galvanized plates is welded to the soul of the profile when this is a single profile.

The purlins are made of steel flat bars “o” profiles fixed to the rafters through spot-weld.

The trusses are jointed among them through steel flat bar “U” profiles welded to the studs, like Saint Andrew’s crosses.