

# MODENA - STADIUM

## DESCRIPTION

The structures are of tubular shaped metal pillars on which variable sectioned I curve beams are set, onto which are arranged the supporting seats for the prefabricated steps.

Sabre shaped beams that support the roof (by means of struts, tie beams and braces), these also made of welded plates to form an I curved section of a variable height are connected to the top lower beams. The roofing is constructed by connecting micro-perforated corrugated sheets, placed upside down on each other and secured by means of rivets along the ribs. A PTFE pre-stressed membrane to ensure the impermeability of the structure is positioned by means of timber spacers on top of the sheets.

**Client:** Modena Municipality

**Year:** 2004

**Number of seats:** 22.000

**Amount of works:** € 10.300.000,00

