

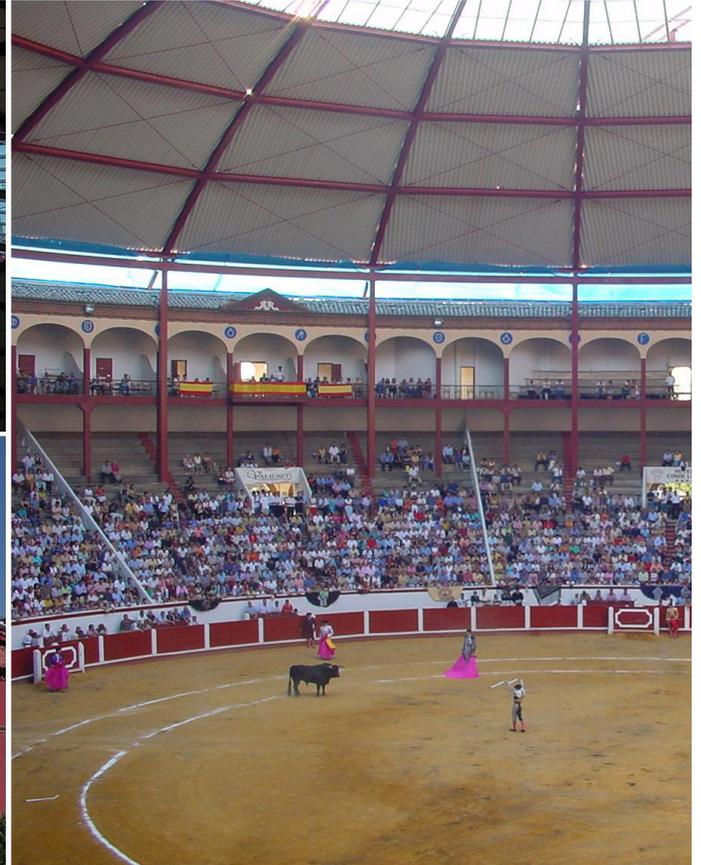


Bullring Roof

León, Spain / 2002

Structural type
Characteristics
Owner
Client
Scope

single layer roof with a 75m diameter and movable central portion
30,00m diameter
Ayuntamiento de León
Asuntos Taurinos
detailed design and construction monitoring



The dome-shaped roof was built over an already existing bullring.

The single-layer fixed roof is a Schwelder-type dome composed of IPC commercial steel profiles (parallels, meridians and diagonals) with a 1/8 rise-span ratio. It is supported on steel pillars at its perimeter.

The moveable roof-section consists of two semi-spheroidal segments, which rest upon three beam rails, located on the fixed roof, and which roll along the aforementioned, therefore allowing the opening of the roof.

The open-close system of the roof is fulfilled via a cable-winch system which transfers the necessary pull required for the timed movement of the moveable segments.



C/ Barquillo 23, 2º | 28004 Madrid | España
T. (+34) 917 014 460 | F. (+34) 915 327 864
www.fhecor.com | fhecor@fhecor.es

