

MOSCA – WATERPARK

DESCRIPTION

The building is formed by two overlooking towers that are based at about +107.8 metres and at the top, reach about +279.8 metres, for a total height of 172 metres.

There is a single foundation for both towers and is made of a reinforced concrete cellular foundation, directly resting on the ground.

The elevation of the two towers is of reinforced concrete; the bracing action is accomplished by centres composed of parting walls, made integral to the other supporting elements (beams and pillars) from the floor slabs.

The central part that develops until the height of about +166.2 metres is made with steel columns filled with concrete, except for some portions of the planking in the part that overlooks the water park, made of a reticular spatial structure.

Between the heights of +189.47 and +200.72 metres, another three metal structured plankings are present, creating a “bridge” between the two towers: the connection of the “sail” of the roofing of the water park is foreseen under the first of these plankings, that here, joins in a horizontal direction.

Service provided: Structural Design

Client: Gazprom - Mosca

Year: 2001

Amount of works: € 180.760.000

