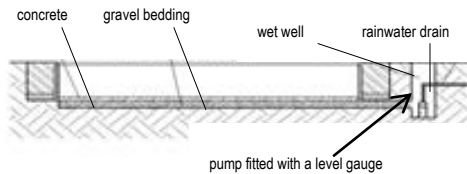


Visualised Process of IBIZA Swimming Pool Construction

Description of particular construction stages

The bottom slab of 150 mm thickness should be concreted onto the ballast bed of 50 mm thickness (subject to underbed quality) using C 16/20 concrete reinforced with KARI cage laid at the upper slab edge.



Walling of side abutment walls: The walls shall be capped (and evened up) with a reinforced concrete ring beam. Before filling the investor shall provide the side walls with polystyrene lining fixed with adhesive.



A pipe sleeve of $\varnothing 75$ mm (min.) should be laid behind the side wall for the return line



Installation of the steel shell in the form of the pool



Placement of geotextile cushioning over the entire pool bottom area, installation of vinyl foil as a damp-proofing and fair-face layer.



Outer lining of the round sections of the pool body using polystyrene foam boards of 20 mm thickness. The next day after filling the pool the pool body should be either packed with moist concrete mix (C 12/13) or, if other material is used for packing (e.g. gravel sand, sand), the round sections shall be lined with CP bricks of the minimum thickness of 6.5 cm, before covering them with soil.



In case a roof of the swimming pool is considered, the surrounding pavement should be placed on a levelled concrete slab and, possibly, foundation for roof rails should be prepared in advance.

