

Reinforced concrete caisson floor slab, manufactured using 3D printing, consists of a concrete slab body containing reinforcing elements. The slab body consists of a system of transverse and longitudinal ribs on its lower surface, which form the caissons. The reinforcing elements in the center of the slab body are arranged as a reinforcing mesh, while those in the ribs consist of longitudinal reinforcing bars and corner reinforcing elements. The longitudinal reinforcing bars are arranged in pairs within the ribs and connected to each other by corner reinforcing elements at the points where the ribs intersect.