

Rebar Concrete Slab Designs Services

[7Solutions India](#) commitment to support **rebar concrete slab designs services** requirement to worldwide architectural, professional engineering and contractor. Whether it is residential, industrial or commercial rebar concrete slab designs, we understand the various types of flooring systems and can specify the most economical solution, given your unique requirements. A one-way slab is supported on four sides and has a much larger span in one direction than in the other may be assumed to be supported only along its long sides. It may be designed as a beam spanning in the short direction. For this purpose a 1-ft width can be chosen and the depth of slab and reinforcing determined for this unit. Some steel is also placed in the long direction to resist temperature stresses and distribute concentrated loads. The area of the steel generally is at least 0.20% of the concrete area.

A rebar slab supported on four sides and with reinforcing steel perpendicular to all sides is called a two-way slab. Such slabs generally are designed by empirical methods. A two-way slab is divided into strips for design purposes. When a slab is supported directly on columns, without beams and girders, it is called a flat plate or flat slab. Although thicker and more heavily reinforced than slabs in beam-and-girder construction, flat slabs are advantageous because they offer no obstruction to passage of light; savings in story height and in the simpler formwork involved; less danger of collapse due to overload; and better fire protection with a sprinkler system because the spray is not obstructed by beams.

Benefits of 7Solutions India

- Cost Saving
- Time Saving
- Fast understand your needs
- Customized project process
- Low turnaround time
- Speedier Services Delivery
- Support from the Experts

We also design raft footing rebar slabs for various applications, with pier and edge-beam concept, waffle slab designs or edge and intermediate beam concept designs, according to the soil conditions and the relevant residential footing designs codes. [Contact Us](#) or Email: info@7solutionsindia.com to know more about slab designs services.