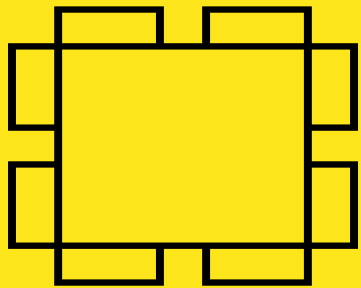


www.roger-bullivant.co.uk

RB COMBI-SLAB

RB combi-slab is a reinforced concrete piled raft foundation system that replaces traditional ground beam and ground floor construction methods. Combi-slab is available as a voided or non-voided raft to suit project requirements.





DESCRIPTION

Voided combi-slab is an ideal solution where ground heave and/or ground gases are a concern. It is also used in flood risk and root protection areas. If none of the above are applicable, our non-voided combi-slab may represent the most suitable option.

Combi-slab can be used in conjunction with all our piling and ground improvement techniques and our experienced in-house engineers will determine the most suitable and cost effective solution for each project.

Combi-slab represents an economic alternative to traditional beam & block or traditionally heave protected s/floor slabs solutions.



APPLICATIONS



Residential



Commercial



Suitable for most ground conditions

ADVANTAGES



Designed and installed by one contractor



Minimal waste



Reduced CO2 emissions



Cost effective



Increased productivity compared to traditional methods

APPLICATIONS

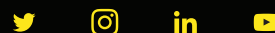
Piles are installed with the pile head being accurately set to a level which is proud of the pile commencement level. A 50mm thick layer of concrete blinding is placed within the footprint of the proposed structure. Services ducts and drainage are then installed before an array of support jacks are distributed across the working area. Treated ply board is placed upon these supports which will form a base shutter for the slab.

Steel reinforcement is then placed to our engineers design and perimeter shutters are fixed in place. Following inspection by relevant parties, concrete is poured to form the structural slab. Following a period of curing time, the external shutters are removed and the support system is withdrawn from beneath the slab. A void closer is placed around the perimeter of the slab to prevent any material from entering the void once the external levels are raised.

TECHNIQUE CAPABILITIES

SPECIFICATION	FROM	TO
Typical slab thickness	225mm	300mm
Typical maximum pile load	280kN	400kN
Typical slab span	1.5m	3.0m

www.roger-bullivant.co.uk



Call Nationwide on 0845 8381801

Email info@roger-bullivant.co.uk