

FOUNDATION PADS



Strip foundations can be of bricks, reinforced concrete, composite, cast etc. The strip foundation is used on soils and in groundwater non-aggressively impacting concrete structures.

Strip foundation.

Strip foundations may be of several types: cast, composite, rock, rock-concrete, reinforced concrete, and brick. Depending on the type, the lifecycle of such a foundation may comprise between 30 and 150 years.

Strip foundation reinforced concrete slabs are designed to be used in dry and water-bearing grounds, with operating temperatures down to -400°C , in buildings with design seismic resistance of up to nine points, as well as on soils and in groundwater non-aggressively impacting concrete structures.

The composite strip foundation consists of block slabs serving as footing for the loadbearing walls. FL-grade slabs form the lower extended part of the strip foundation. At foot they are reinforced with grids of corrugated bars with a protective layer of concrete – 30 mm at foot and 50 mm on the perimeter.

There are four groups of slabs in terms of their bearing capacity under even wall-load along the foundation axis. Each group of slabs is characterized by the maximum permissible pressure on the sole of the strip foundation, depending on the strength of the walls supported by the slab.

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