The invention relates to building and can be used at erection of monolithic building constructions, mostly of reinforced-concrete walls. A method for erection of monolithic building construction (3) consists in that scaffolding (2) is mounted, with mounting casing (4) and arresting arrangement on it, with connecting the bottom (5) to the lower edge of the casing (4), in the casing (4) a reinforcement cage (10) is mounted, with laying concrete mix (11), soaking it till curing, cured concrete mix (12) is lowered together with the reinforcement cage (10) by means of the arresting arrangement. The casing (4) is mounted by the whole front of the building construction (3) at the level of its upper edge, with bringing the level of the upper edge of the casing (4) higher than the design mark (9) of the building construction (3) not lower than by 0.05 m, with connection of reinforcement cage (10) to the con-rod (6) of the arresting arrangement, laying concrete mix (11) is performed in layers in the whole front of the casing (4), simultaneously the reinforcement cage (10) is built up, with separation of the bottom (5) from concrete and with lowering the building construction (3) not lower than to coincidence of the level of the upper edge of its cured tier (12) with the level of the lower edge of the casing (4).