

The invention relates to the construction, in particular to processes for protective coat fastening to the lower surface of the reinforced concrete plate, including those with protective coat of the deteriorated concrete.

The process includes preparation of the lower part surface of the reinforced concrete plate, execution into it of vertical or inclined blank channels with a diameter of 10...25 mm, the depth thereof exceeding at least 2 times the deteriorations depth of the concrete layer, staggered with the pitch of no more than 25 cm, which are dried up to a humidity of at most 5% and blown down with compressed air, installation of the forms panels, application of coating by injection under a pressure of 0,05...0,6 MPa with the subsequent cure for at least 24 hours at a temperature of 30...60°C and disassembly of the forms. Novelty consists in that installation of the forms panels is carried out on guide beams, preliminarily fastened to the lower part of the plate, then into the holes, made on the portions with the deepest deteriorations of the concrete, there are introduced the tubes fixed into the guide beams, which are throttled as far as filling in thereof with injection mortar. The injection is carried out repeatedly within 3...20 s with the cure of 20...60 s, beginning with the portions with the least deep deteriorations of the concrete and finishing with the portions with the deepest deteriorations. At the same time it is carried out fixation of complete filling of the portions with the help of cocks, installed into the forms panels, which are covered as far as filling in the portions with injection mortar.

The result consists in providing for the possibility of repair of the portions of protective coat with a bigger surface, having different in depth deteriorations.