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Tests indicated that pressure is raised above atmospheric pressure the strength of the concrete hardening in it is greatly increased. To shorten the time of the hydrothermal treatment and still obtain crack-free blocks, the surface modulus of the object made of ash foam-concrete must be not less than 12 m^{-1} ; this is ensured by providing holes in the block or reducing the thickness of the pieces. During the heating-up period ($t_c < 100$) the holes have virtually no ac-

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