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LOSS OF PLASTICITY BY CEMENT SYSTEMS DURING TIME

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ABSTRACT

The article presents, in the conditions of concrete supply to the place of laying and the production of concrete placement in a block in hydraulic engineering, such that slowing down the time of loss of plasticity and setting of concrete mixtures is of considerable interest. In this regard, an attempt was made to model these processes to a certain extent in relation to large-scale hydraulic engineering. Mortars were prepared on various cements and their plasticity was determined at different times by measuring the diameter of the spreading of the mortar cone. Measurements were taken every hour. In the intervals between determinations, the solutions were stored in metal cups at a temperature of -28-300 and a relative humidity of 60%. The results of these studies are shown in Table 1.

KEYWORDS: *Hydraulic, Determinations,*

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