

Optimizing the Thermal Regime During the Acceleration of Concrete's Hardening

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Abstract text:

Researches conducted at the Faculty of Construction in Jassy showed several factors that may help finding technical solutions which will make possible to economically apply acceleration procedures of concrete hardening by thermal treatment with solar energy. It has to be mentioned the fact that the thermal treatment do not exclude, but it is based on the acceleration methods of concrete hardening through composition with or without the usage of different additives -- plasticizer type (to reduce the quantity of water from the concrete) and accelerators for cement binding or hardening. These methods also take into account the climate where the process of hardening takes place.

Key Words:

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