

Impact of the Quality of Aggregate on the Elasticity Modulus of Concrete

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Abstract : This objective of this article is to present concrete that differs by the size of the aggregate used. The set of concrete contained six concrete recipes manufactured as traditional vibrated concrete containing identical basic components of concrete. The experiment focused on monitoring the resulting properties of hardened concrete, specifically the primary strength and modulus of the concrete elasticity and the developing parameters from 7 to 180 days were assessed.

Keywords : aggregate, cement, concrete, elasticity modulus

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