

عنوان مقاله:

The Use of Calcium Oxide and Micro Fly Ash and The Impact of The Pozzolans on The Physical Properties and Carbonation of Concrete

محل انتشار:

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خلاصه مقاله:

In this study 11 different combinations of micro fly ash and calcium oxide were replaced instead of cement. Fly ash with 5%, 10%, 15% and 20% of cement and calcium oxide with 5%, 10%, 15% and 20% of cement and then a combination with fixed 15% fly ash and 5%, 10% and 15% of calcium oxide are replaced instead of cement. Then 108 sample of cubic concrete have been prepared and samples at the ages of 3, 7 and 28 days were applied compression strength and ultra sound tests and results were recorded and compared.

کلمات کلیدی:

Fly ash, Calcium oxide, Compression strength test, Ultra sound test, Pozzolan

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