

عنوان مقاله:

The effect of water absorption characteristic of aggregates on compression strength of light-weight concrete

محل انتشار:

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خلاصه مقاله:

The compression strength of the light-weight concrete depends on different factors such as the kind and strength of light-weight aggregate used, water/cement ratio, the age of concrete, curing method, and water absorption rate of the aggregates. In this research the effect of water absorption rate of the aggregates on compression strength of concrete is going to be discussed. To do so, four kinds of concrete using four different types of aggregate were built and studied. In the mentioned research it was seen that the highest strength was obtained by a low-weight aggregate called Lika

کلمات کلیدی:

compression strength, water absorption, curing, water/cement ratio

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