More Sustainable Production of Concrete: Replacement of Natural Sand for Brita Powder Concrete Simple Cooking

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Abstract

The work in this paper was to analyze the technical and economic feasibility of substitution of natural river sand by crushed powder in the mixture of conventional concrete, checking to reduce the environmental impact through the use of crushed stone powder, show the feasibility of using the crushed powder conventional concrete dosage and present a more sustainable concrete dosage environmentally. The crushed powder has the advantage, in addition to being more economical in the composition of services, also because of its use delete a waste of crushing process giving a meaningful way, to reduce the damage caused by the exploitation of sand in riverbeds.

Keywords: *gravel, sustainable, concrete, sand, viability.*