



Innovative Infrastructure Solutions

Aims and scope

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Abstract

In the current study, the effect of cement kiln dust on the fresh and hardened cement mortar was investigated; chemical analysis of the binder was also included. Cement kiln dust (CKD) content (% by dry weight of cement) was from 0 to 100%. The fresh property of the cement was evaluated by flow table test, and the evaluation of hardened properties was based on the compressive strength, flexural strength, and stress–strain behavior of the mortar. Standard