

## Flow Performance of Hybrid Cement Based Mortars

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**Abstract :** The workability of hybrid alkaline cements is a field of knowledge that still needs further research efforts. This paper reports experimental results of 32 hybrid cement mixes regarding the joint effect of sodium hydroxide concentration, the use of a commercial superplasticizer and a biopolymer on the flow and compressive strength performance. The results show that the use of commercial admixtures led to a slightly increase in the flow of mortars with lower sodium hydroxide concentration.

**Keywords :** waste reuse, fly ash, waste glass, hybrid cement, biopolymer, polycarboxylate, flow

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