

Effect of Biomass Ash on Properties of Mortar: Review.

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- **Abstract:** The sustainability of biomass mixed mortar and concrete against all properties comparatively better than conventional concrete and mortar. Among biomass material Rice Husk Ash (RHA) and Sugarcane Bagasse Ash are commonly used and found suitable by researchers to partially replace Portland cement in the production of cementitious material. This paper represents up to date review of the research on properties of hardened and fresh concrete and mortar. Moreover, durability performance, like resistance to chloride, water absorption, drying shrinkage are discussed. Through research it seems that incorporating biomass ash as supplementary Cementous material improve mechanical properties of mortar and concrete.
- **Keywords:** Biomass, Concrete and mortar, Rice Husk Ash, Portland, Chloride, Cementous.