

# A Review Paper on Partial Replacement of Aggregate by using Plastic Waste

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**Abstract:** *There are many studies evaluating industrial by product in cement as binder and aggregate in concrete industries. In the recent decades, the efforts have been made to use industry by products such as Fly ash, silica fume, ground granulated blast furnace slag, glass cullet, etc., in civil construction. The potential application of industry by-product in concrete is as partial aggregate replacement or as partial cement replacement, depending on their chemical composition and grain size. In this study, the effects of use of such waste product on resultant properties of concrete mix are studied. This waste product is used as replacement of coarse aggregate.*

**Keywords:** Compressive strength, concrete, plastic waste, Paver Block, workability

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