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Application of Previous Concrete as Sustainable Material

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Abstract: *Perforated pavements are a new type of pavement with high porosity which usually used for flat work applications in order to allow water to pass through it .It reduces the volume of direct water runoff from a site and increases the quality of storm water and water pollution .Due to the high flow rate of water through perforated pavement, rainfall can be captured and percolate into the ground, recharging groundwater, supporting sustainable construction, reducing storm-water runoff, and providing a solution for construction that is sensitive to environmental concerns. An attempt is made in this project perforated pavement concept at decided location of Surface runoff data is collected from the site location and various tests are performed to check its efficiency against surface runoff.*

Keywords: Perforated pavements, storm-water runoff

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