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Pervious Concrete: Sustainable Solutions for Construction and Ground Water Recharge

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Abstract: *Pervious concrete is an innovative and sustainable material designed to address urban drainage and pavement durability challenges. Unlike conventional concrete, pervious concrete has a highly porous structure, allowing water to pass through, thereby reducing surface runoff, enhancing groundwater recharge, and mitigating urban flooding. This study focuses on evaluating the characteristics of pervious concrete through laboratory experiments, including compressive strength and permeability tests.*

Keywords: pervious concrete, highly porous structure, groundwater recharge, mitigating urban flooding

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