

A CRITICAL LITERATURE REVIEW ON UTILISATION OF USED FOUNDRY SAND IN INTERLOCKING PAVER BLOCKS

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ABSTRACT

The presently paver block is used in outdoor versatility application and also it is used in street road and other construction places. Paver block has low cost maintenance and easily replace with a newer one at the time of breakage. Foundries for the metal-casting industry generate by-products such as used foundry sand. Applications of foundry sand, which is technically, sound, environmentally safe for sustainable development. Use of foundry sand in various engineering applications can solve the problem of disposing of foundry sand and other purposes. Foundry Sand can be used as a partial replacement of cement in supplementary addition to achieve different properties of concrete. For improving economic feasibility and other parameter of paver block this research study is necessary. This research study presents the information about the development of interlocking paver block at the lowest cost in comparison of ordinary concrete paver block.

KEYWORDS: Industrial Waste, Used Foundry Sand, Interlocking Paver Block, Cost