

PARAMETRIC STUDY OF LIGHTWEIGHT CONCRETE USING MARBLE WASTE

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ABSTRACT

Major fluster problem today is related to disposal of waste generated in the industry and to find solution of reusing it. The marble industry produce desirable wastes, irrespective of improvements introduced in the 65% during manufacturing and 30% during cutting process. This study deals with reviewing the use of waste from marble industry in light-weight aggregate and the effect on fresh and hardened concrete properties. Light weight concrete reduce DL and overall cost as compare to concrete. These are basically cold materials which will helps to decrease Indore temp. Waste material utilization helps to maintain cleanliness. Lightweight concrete is porous which helps to control flood water and also the earthquake damage due to its light self-weight.