



Management Of Worn Tyres And Associating Rubber To The Concrete with Procedures for using different coarse aggregates in concrete

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Introduction : The management of worn tyres poses a major problem for all third world countries. Also, with the increasing number of vehicles, the industrial development which several countries are currently



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knowing, and the small percentage of recycled worn tyres (retreaded or used for other purposes) due to the absence of an adequate plan for eliminating this waste, these countries know surely a major environmental problem. The absence of statistics on this subject does not enable us today estimate suitably the mass of worn tyres thrown in nature or burned in public dumpsters. But if we compare these countries with the European Union countries which took this problem in charge, through legislation, recycling companies, re- search, we can say that many countries are postponing the solution to this problem, and that the mass of worn tyres can only be considerable.

The most widely used fine aggregate for the making of concrete is the natural sand mined from the riverbeds. However, the availability of river sand for the preparation of concrete is becoming scarce due to the excessive non-scientific methods of mining from the riverbeds, lowering of water table, sinking of the bridge piers, etc. are becoming common. The present scenario demands identification of substitute materials for the river sand for making concrete. Recently in the environmental issues, restrictions of local and natural access or sources and disposal of waste material are gaining great importance.

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