

Extensive experience demonstrates that the durability of concrete structures is related not only to design and material but also to construction issues. Based on test results light weight crushed brick as a recycled aggregate provided a recycled lightweight concrete with sufficient strength. Upon completion of new concrete structures, the achieved construction quality always shows a high scatter and variability, and in severe environments, any weaknesses in the concrete structures will soon be revealed whatever specifications and constituent materials have been applied. The application of recycled aggregate has been started in a large number of construction projects of many European, and Asian countries. Many countries are giving infrastructural laws relaxation for increasing the use of recycled aggregate. Main concrete properties like compressive strength, flexural strength, workability etc.