

# Green Concrete

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**Abstract:** *Green concrete is a revolutionary topic in the history of concrete industry. This was first invented in Denmark in the year 1998. Green concrete has nothing to do with colour. It is a concept of thinking environment into concrete considering every aspect from raw materials manufacture over mixture design to structural design, construction, and service life. It is a type of concrete that is made with concrete waste, uses less energy in its production and produces less carbon dioxide than normal concrete. The substituted materials could be waste material that remain unused and maybe harmful (material that contains radioactive elements). This concrete should follow reduce, reuse and recycle technique or any two process in the concrete technology. The three major objective behind green concept in concrete are to reduce greenhouse gas emission (carbon dioxide emission from cement industry, as one ton of cement manufacturing process emits one ton of carbon dioxide), secondly to reduce the use of natural resources such as limestone, shale, clay, natural river sand, natural rocks that are being consumed for the development of mankind, thirdly to use waste materials of concrete that occupies large area of land for its storage that results in the air, land and water pollution.*

**Keywords:** *Green concrete*

