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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

(54) Title of the invention : M20 CONCRETE CANTAINING STEEL FI BRE AS REINFORCEMNET MATERIAL

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**(57) Abstract :**

In this invention an attempt is made for assessment of compressive strength of steel fiber 5 concrete. Concrete mixes M25, are designed as per the Indian standard code (IS-10262-2009) by replacement, 0.0%, 0.5%, 1.0%, 1.5%, 2.0% and 2.5% of steel fiber concrete cube of size 150mm x 150mm x150mm are casted and tested for compressive strength at 7days, 14days and 28days after the curing of cube. It is observed that compressive strength is on higher side of 1.5% fibers as compared to that produced from 0%, 1%,2%, and 2% 10 fibers.

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