

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202141060070 A

(19) INDIA

(22) Date of filing of Application :22/12/2021

(43) Publication Date : 28/01/2022

(54) Title of the invention : THE TRANSLUCENT CONCRETE MIXTURE

(51) International classification :C04B0028020000, G01N0033380000, C04B0040000000, B28C0007040000, C04B0040020000
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

7. ABSTRACT A mixture (10) for preparation of translucent concrete with optical fibers is disclosed wherein the said mixture (10) comprises the steps of collection of mixing materials (1) required like cement, sand and optical fibers to preparation of concrete mixture and designing a mix ratio (2) as per the requirement. Further fixing plurality of optical fibers that to be mould (3). The concrete block is prepared in a cube cast (4) with said mould. Curing is allowed to done (5) for some days and allowed for testing (6). The said optical fibers blend into the concrete like any other material. The said concrete mixture (10) is made by combining two major materials like fine concrete with cement and aggregates like sand and optical fibers and these optical fibers replace other concrete aggregates and the said mixture (10) could transfer sunlight inside and enables power saving. The Figure associated with the Abstract is Fig 1.

No. of Pages : 11 No. of Claims : 10