

Light Transmitting Concrete

Prof. Radha Ajay Powar¹, Sanika Dilip Mohite², Sonam Ashok Salavi³, Yogesh Nandkumar Patil⁴

Department of Civil Engineering^{1,2,3,4}

D. Y. Patil Technical Campus Talsande Kolhapur, Maharashtra, India

Abstract: *This paper reviews the Light Emitting Concrete. The increase in population leads to the growth of construction sector and hence construction activities increases day by day. Construction of tall storied and multi storied buildings result in obstructing natural light in the building, thus leading to increase in artificial light. Light-transmitting concrete has property of passing artificial as well as natural light due to optical fibers present in it. Light Transmitting concrete, also known as translucent concrete. Light – transmissive properties due to embedded light optical elements. This paper describes historical development of Light Transmitting concrete. Light transmitting concrete (LTC) or ‘LiTraCon’ is an example of such phenomenal innovation. The aim is to promote translucent concrete as an attractive, promising, and innovative building material for the construction industry.*

Keywords: Light Transmitting concrete, Cement, Fine aggregate, Optical Fiber.

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