

SEEPAGE REDUCTION IN OVERHEADED WATER TANK

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ABSTRACT

This paper represents the application of fibre for seepage reduction in over headed water tank. Structures like dams, retaining walls, canals water tanks are subjected to continuous seepage through there surfaces. These structures are constructed by concrete. Concrete is a material which cracks over time. And great seepage loss takes place through the surface of the walls. On the other hand to repair this seepage reconstruction of the water tanks becomes time consuming and uneconomical. In such cases some remedial techniques shall be used to reduce great seepage of water tank through the structure. Fibre meshes are mat like material that is applied to the surface of the structures which are used for water storage purpose. This paper deals with the efficiency of such materials on its application to surfaces of over-head tank with great seepage loss.

KEYWORDS: Seepage, Fibre Meshes, Flexible, Over-Head Tank, Glass Fibre