

STRENGTH INVESTIGATION OF SELFCURING CONCRETE USING SUBER ABSORBENT POLYMERS

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Concrete is a most widely used construction material due to its compressive strength and durability. To attain the required strength in concrete curing is an essential process. Large quantity of water is required for curing process. Hence construction industries are in search for alternate source for curing. In this paper the experimental investigations are done on self curing concrete using Super Absorbent Polymers(SAP). The strength parameters are investigated by varying the proportions of SAP. The test results are compared with Conventional concrete and other Self curing agents such as Polyethylene Glycol(PEG).