

**LONG TERM CHEMICAL STABILITY OF EPICHLOROHYDRIN/BISPHENOL  
RESIN POLYMER CONCRETE.**

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**Abstract:** The chemical stability of an epichlorohydrin/bisphenol resin polymer concrete under corrosive environment is investigated over a long period extending to 625 days. The results indicate a levelling off at a loss of approximately 50 per cent of the compressive strength at room temperature under the action of the most critical corrosive environment. The combined characteristics of high strength and resistance to corrosive environment render the developed polymer concrete an attractive alternative construction material for bridge decks, pavements, tunnels, underwater structures and long-term storage of radioactive nuclear waste material.