

PROJECT PROFILE



Project: Dam repairs, **Korea**

Designer: KEPCO (Korean Energy and Power Corporation).

Gemite product: **Gem-Crete HDO**

Objective: repair deteriorated concrete of the intake areas, spillways and piers of several dams – Geosan, Chuongju and others. The freeze thaw damage of poorly compacted areas were repaired using a high performance fibre cement composite – **Gem-Crete HDO**. The material selected was extensively tested for this application by the U.S. Army Corps of Engineers. It also obtained a special “high tech” certificate in Korea. The thickness of the repairs varied from 1 cm to 10 cm in depth. The material was hand applied after extensive and thorough surface preparation.



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