

# PROJECT PROFILE



The Advanced Materials Centre

**Project:** Dneproges Dam repair, Zaporozhye,  
Ukraine

**Designer:** Gemite Ukraine Ltd.

**Contractor:** B.M. Usachenko Company

**Gemite product:** **Spray-Con WS ST**

**Objective:** repair and waterproofing of Dneproges Dam in the Ukraine. This dam, built in the late twenties and early thirties, was for many years the largest dam in the world. A serious concrete deterioration problem caused by poor quality concrete and repeated freeze/thaw action developed on the negative side of the dam above the power-house section. **Spray-Con WS ST (wet shotcrete)** process material was spray applied to repair the dam.



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