

Project Experience

Mining and mineral



Project information

location	Richards Bay, South Africa
client	Rio Tinto Minerals
project	Mining pond D refurbishment
climatic conditions	Summer, 30°C, 96% RH
substrate	Slurry bins, dredger
surf. Preparation	St 3 and Sa 2.5
system	MCU-Miozinc MCU-Ferroguard MCU-Ferroguard MCU-Miozinc MCU-Miomastic MCU-Topcoat

After 8 months of lab testing as well as field testing of MCU-Coatings, vs. well know epoxy products, Rio Tinto/RBM were extremely satisfied with the performance of MCU-Coatings in adverse application conditions made the decision to specify it's use on the refurbishment of Mine Pond D which had not had a complete shut since 1993. The project included immersed slurry bins which feed the mineral separators with the mined product; these were coated with MCU-Miozinc and MCU-Ferroguard. The contractors were able to work 24/7 and for the first time ever were coating at night. The Dredger for mining was also repaired in situ where the MCU-Miozinc was able to coat over damp substrates. There were no delays in coating. The mine engineers now stipulate MCU-Coatings for any new or maintenance work to be carries out.