

Project Experience

BW Offshore FPSO Peace



project information

location	Sewbawang, Singapore
owner	BW Offshore
project	Major conversion to FPSO
painting contractor	Sembawang Shipyard
date of project	02/2007 to 12/2007

systems and substrates

tanks

pretreatment	WAB 10 & WJ 2
2 coat system	MCU-Miozinc 100µm DFT MCU-Mastic 150µm DFT

deck & superstructures

pretreatment	WAB 10 & WJ 2
3 coat system	MCU-Miozinc 100µm DFT MCU-Mastic 75µm DFT MCU-Topcoat 50µm DFT

Scope: Ballast tanks, water tanks, grey & black water tanks, slop tank, Exterior decks, Heli-deck, external modules & piping, accommodation house, all misc. structural steel and flame tower using MCU high-heat coatings. All surface preparation was completed by hydro-jetting and wet abrasive blasting. Most of the exterior areas including; the accommodation house, weather decks and structural steel was coated several years previously with a one-coat system of inorganic zinc. This coating was failing for approx. 35% and the rest was naturally covered with zinc salts. MCU's unique MCU-Miozinc primer was used to solve the corrosion and adhesion problems for this situation. MCU's unique MCU-Miozinc primer is the world's first and only surface tolerant zinc primer that is also recommended for immersion and is compatible with anodes.