

## Project Experience

### Ports and harbours – sheets and pilings



### Project information

**location** Dorset, United Kingdom  
**client** Dorset Government  
**project** New sheet piling  
**date of project** 2007

**climatic conditions** ±20°C, 84% RH

**substrate** steel

**surf. preparation** water abrasive blasting

#### System

MCU-Miozinc + MCU-Quickcure  
 MCU-Miomastic + MCU-Quickcure  
 MCU-Miotopcoat + MCU-Quickcure

*Tolerance to moisture, very good adhesion, high abrasion resistance and long term flexibility makes MCU-Coatings to a perfect choice for sheet piling application in general. But when these pilings need repainting in situ with a tide zone, only MCU-Coatings can bring a safe solution.*

*MCU-Coatings was called in to repair the sheet pile coating as the original coating was damaged as the armor rock was placed in the water around the steelwork as part of the break-water to the new harbour. The problem they had was the limited time they had at low water to carry the works out combined with high moisture and salts on the surface of the steel. The surface was prepared with Wet Abrasive Blasting using fresh water to remove any of the old and damaged coating along with a sweep blast to the surrounding area.*

*MCU-Coatings products can be quickly immersed and will cure further under water. In between tides, only a fresh water wash is needed to apply the next coating. MCU's Miotopcoat is an aliphatic and perfect immersion resistant finish coating for maximum protection.*