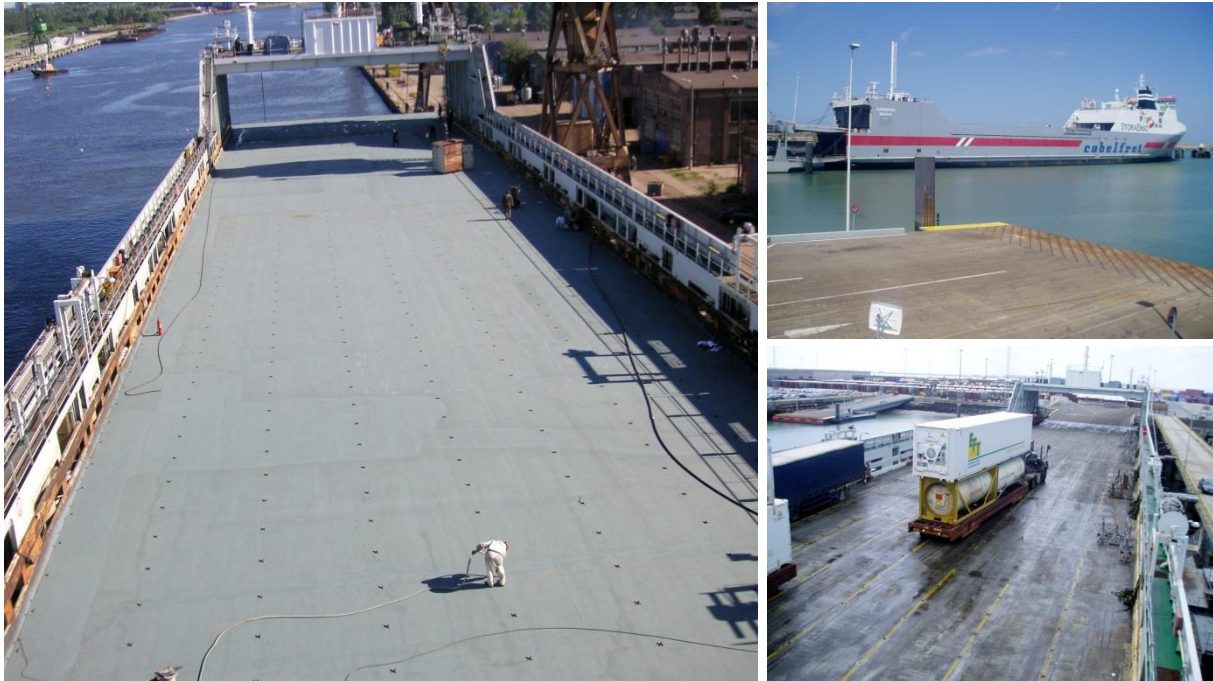


# Project Experience

## Marine



### Project information

<b>location</b>	Germany
<b>client</b>	Wagenborg
<b>project</b>	Major refurbishment of MV Slingeberg, Spaarneborg, Schieborg
<b>climatic conditions</b>	14° - 23°C
<b>substrate</b>	
<b>surf. Preparation</b>	WJ 2L or Sa 2,5
<b>system</b>	MCU-Miozinc MCU-Aluprime MCU-Aluprime

*During the new building of MV Slingeberg deck nr. 3 was pre-treated and coated with traditional paint system. From the early beginning the paint system on all vessels gave problems of detachment and corrosion. The owner decided that the system had to be removed because the manager Cobelfret needs a strong non skid coating for the cargo. The following paint manufactures presented there system(s): Ceram-Kote with an SPG PH system at >2200µm DFT; Hesselberg with a three coat solvent free system at >1800µm DFT; Sigma Coatings with a one coat solvent free anti abrasive coating with a solvent based epoxy on top to seal off the aluminium oxide non skid at >700 to a 1000µm DFT and MCU-Coatings with a two three coat systems based on single pack moisture polyureas at 150µm DFT. The three vessels are loading special CQ containers every 2 days for Stora Enso with a paper load up to 80 tons on custom trailers with steel wheels. The mechanical impact and abrasion is the worst imaginable. After 3 months of testing, MCU-Coatings was the only intact system. Now, three years later, the MCU-Coatings system is still in perfect condition. All three vessels were protected using the MCU-Coatings system. The owner was also very pleased saving money on the paint system and the surface preparation. MCU-Miozinc does not require heavy profile and tolerates medium flash rusting so UHP Waterjetting was an option as surface prep. The MCU-Coatings system was also by far the cheapest in product cost.*