

ID Protective system:

**TIPICI-MT-0139-eng**

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**Generic description of structures:**

Offshore areas with high salinity and industrial areas with extreme humidity and aggressive atmosphere and subtropical and tropical atmospheres.  
Industrial areas with extreme humidity and aggressive atmosphere.

Surface type: carbon steel

Category and Durability (ISO 12944-2 and 12944-1): CX (N.A.)  
Accelerated aging (ASTM B117) - (hours): >2500  
Max operative temperature (°C): <=120

**Main system**

Surface preparation		sandblasting	Standard	ISO 8501-1 2007 SSPC VIS-1	Preparation degree	Sa 2,5 SP10	Profile (micron)	50-85
Type	Coat N°	Product definition				Dry Film Thickness (micron)		
						Min.	Specified	Max.
EP (Zn-R) WB	1	HYDROGUARD Zinc 81				50	<b>75</b>	100
EP (WB)	2	HYDROGUARD HB				60	<b>155</b>	250
PUR (WB)	3	HYDROTHANE				40	<b>50</b>	60
<b>D.F.T. - Total Dry Film Thickness (micron)</b>							<b>280</b>	

**Repair of the main system**

Surface preparation		brushing	Standard	ISO 8501-1 2007	Preparation degree	St3	Profile (micron)	N.A.
Type	Coat N°	Product definition				Dry Film Thickness (micron)		
						Min.	Specified	Max.
EP (WB)	1	HYDROGUARD HB				60	<b>150</b>	250
PUR (WB)	2	HYDROTHANE				40	<b>50</b>	60
<b>D.F.T. - Total Dry Film Thickness (micron)</b>							<b>200</b>	