

ID Protective system:

**TIPICI-MT-0117-eng**

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**Generic description of structures:**

Industrial areas with high humidity and aggressive atmosphere and coastal areas with high salinity.  
Buildings or areas with almost permanent condensation and high pollution.

Surface type:

carbon steel

Category and Durability (ISO 12944-2 and 12944-1): C5-M  
Accelerated aging (ASTM B117) - (hours): >2000  
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 (WB)	1	HYDROGUARD SZ  HYDROGUARD HB  HYDROTHANE					50	75	100
EP (WB)	2						60	175	250
PUR (WB)	3						40	50	60
D.F.T. - Total Dry Film Thickness (micron)								300	

**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	150	250
PUR (WB)	2	HYDROTHANE					40	50	60
D.F.T. - Total Dry Fil Thickness (micron)							200		