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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

<b>Category and Durability (ISO 12944-2 and 12944-1):</b>	C5-VH
<b>Accelerated aging (ASTM B117) - (hours):</b>	>2500
<b>Max operative temperature (°C):</b>	<=120

## Main system

Surface preparation		sandblasting	Standard	ISO 8501-1 2007 SSPC VIS-1	Preparation degree	Sa 2,5 SP10	Profile (micron)	25-30
Type	Coat N°	Product definition				Dry Film Thickness (micron)		
						Min.	Specified	Max.
EP (Zn-R) WB	1	HYDROGUARD Zinc				50	<b>60</b>	90
EP (WB)	2	HYDROGUARD Midcoat				60	<b>90</b>	100
PUR (WB)	3	HYDROTHANE				40	<b>50</b>	60
D.F.T. - Total Dry Film Thickness (micron)							<b>200</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 Midcoat				60	80	100
PUR (WB)	2	HYDROTHANE				40	40	60
D.F.T. - Total Dry Fil Thickness (micron)							120	