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04/03/2016  
05 May 2024 from  
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**Generic description of structures:**

Urban and industrial atmospheres, moderate sulfur dioxide pollution; coastal areas with low salinity.  
Production rooms with high humidity and some air pollution, e.g. food-processing plants, laundries, breweries, dairies.

**Surface type:** carbon steel

<b>Category and Durability (ISO 12944-2 and 12944-1):</b>	C3-H
<b>Accelerated aging (ASTM B117) - (hours):</b>	>2000
<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 (WB)	1	HYDROGUARD SZ					50	90	100
PUR (WB)	2						HYDROTHANE		
D.F.T. - Total Dry Film Thickness (micron)									

## 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 SZ				50	<b>60</b>	100
PUR (WB)	2	HYDROTHANE				40	<b>40</b>	60
D.F.T. - Total Dry Fil Thickness (micron)							<b>100</b>	