



Validation date
Downloaded

16/09/2015
05 May 2024 from
www.tipici.net

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 |
| 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 | | | | 50 | 75 | 90 |
| EP (WB) | 2 | HYDROGUARD HB | | | | 60 | 175 | 250 |
| PUR (WB) | 3 | HYDROTHANE | | | | 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 | |