



ID Protective system:

TIPICI-MT-0120-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) | 25-30 |
|--------------------------------------------|---------|-----------------------------------------------------------|----------|-------------------------------|--------------------|-----------------------------|------------------|-------|
| Type | Coat N° | Product definition | | | | Dry Film Thickness (micron) | | |
| | | | | | | Min. | Specified | Max. |
| EP (WB) | 1 | HYDROGUARD SZ HYDROGUARD Midcoat HYDROTHANE | | | | 50 | 90 | 100 |
| EP (WB) | 2 | | | | | 60 | 90 | 100 |
| PUR (WB) | 3 | | | | | 40 | 50 | 60 |
| D.F.T. - Total Dry Film Thickness (micron) | | | | | | | 230 | |

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 | |