

Mild steel and Ductile Iron for high build coatings	Sand blast to SA2 ¹ / ₂ to 70 to 90 microns profile
Stainless & Austenitic Steels	No treatment unless specified
Anodized Aluminum & all other non-ferrous metals	No treatment unless specified
Galvanized Mild Steel	<ol style="list-style-type: none"> 1. If fresh and un oxidized-sweep blast 2. If oxidized-high pressure water wash

Table 1-5: classification of exposure conditions.

Class A	<p>Surfaces exposed to the atmosphere in Abu Dhabi</p> <ol style="list-style-type: none"> 1. 1 meter above ground level 2. Exterior surfaces of equipment, fixtures and fittings installed outside or in controlled atmospheres.
Class B	<p>Surfaces in permanent contact with mildly aggressive environment</p> <ol style="list-style-type: none"> 1. with potable or recycled water 2. exterior surfaces of equipment, fixtures, and fittings installed in damp and uncontrolled atmosphere
Class C	<p>Surfaces in permanent contact with 100% relative humidity - aggressive.</p> <ol style="list-style-type: none"> 1. None immersed surfaces in enclosed containers, cavities and channels containing water. 2. Non immersed surfaces with high abrasion, fretting corrosion e.g. manhole covers 3. Exterior surfaces of items buried below the water table
Class D	<p>Surfaces in permanent contact with wet highly aggressive environments.</p> <ol style="list-style-type: none"> 1. sewage, bacteria, organic matter H₂S and in highly acid conditions 2. Seawater - e.g. outfall valves. 3. water towers