

Salt Spray Accelerated Corrosion Test Report

 Test Report Number : **S42505**
 Date Specimen(s) Received : 16.03.07
 Date Test Report Issued : 05.04.07


 Specification and Test Method : ASTM B117-03* & ISO 9227:1990 (E)
 Test Specimen Description : "P" style patio door handle – Labelled MIP5
 Surface Finish : PVD gold
 Specimen Performance Requirement : Free of significant cosmetic degradation to 240hrs and then to 480hrs in accordance with BS EN 1670:1998

Test Results

Treatment	Requirement	Exposure (hr)	Test Specimen Condition after Exposure (Classification of corrosion resistance as per Annex B)
PVD gold patio door handle	Free of significant cosmetic degradation to 240hrs and then to 480hrs in accordance with BS EN 1670:1998	240	Clean and free of corrosion and surface degradation. Grade (class) 4
		480	No discernable change from 240hrs, clean and free of corrosion and surface degradation. Grade (class) 4

Salt: Salt Union Runcorn WPS/H/001 Salt solution: 50 +/- 5 g/L in water conductivity <5 microS/cm * Amended to operate one salt mist fall-out collection instead of two

Conclusion Test specimen conforms to BS EN 1670:1998 Annex B.


 Signature.....
 Mark Ricketts
 Technical Manager