



Subject **Acetic acid salt spray on supplied extrusions**
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 Remark Customer – Southern Powdercoaters

INTRODUCTION

The customer has provided extrusion samples to be tested for acetic acid salt spray and coating properties as per AS3715:2002 and AS1580:2004.

The extrusions have been powder coated with GP129A D1000 EXCEL MONUMENT SATIN TL4637AM. Box No. 214. Samples were labelled as A, B and C.

CONCLUSION

The provided extrusions were found to pass all of the performed tests. See results below.

RESULTS

Acetic Acid Salt Spray – as per [AS3715 – 2.5.10]

| Sample | Test | Spec | 500 | 1000 |
|--------|-------------------------|--------|-----|------|
| A | Adhesion | ≤ 1 | 0 | 0 |
| | Blistering | ≤ S2D2 | 0 | 0 |
| | Undercut at Scribe | ≤ 2mm | 0 | 0 |
| | Corrosion of Base Metal | 0 | 0 | 0 |
| B | Adhesion | ≤ 1 | 0 | 0 |
| | Blistering | ≤ S2D2 | 0 | 0 |
| | Undercut at Scribe | ≤ 2mm | 0 | 0 |
| | Corrosion of Base Metal | 0 | 0 | 0 |

| Sample | MEK (30d/rubs) [AS3715 – 2.5.4] | Appearance (Pass/Fail) [AS3715 – 2.5.1] | Adhesion [AS3715 – 2.5.5] | DFT (um) [AS3715 – 2.5.3] | Permeability (1H) [AS3715 – 2.5.11] |
|--------|---------------------------------------|---|------------------------------|---------------------------------|---|
| C | Pass | Pass | Pass | Back: 55.3 Front: 101.6 | Pass |

PICTURES FOR REFERENCE



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