Technical Report
Confidential

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Number: **indr10-195-22073**

Lab book ref: **RGA7000.HAC1**

Hacel Lighting: Neutral Salt Spray Testing

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Samples submitted by: **Garry Bell**

Samples:
Six parts prepared for Hacel Lighting by Stovrite Specialist Coatings submitted for salt spray assessment: -

Akzo Part Code	Pretreatment	Part
RGA7000.HAC1A	Alochrome	1
0RGA7000.HAC1B	Alochrome	2
RGA7000.HAC1C	Alochrome	3
RGA7000.HAC1D	Sertec 650	1
RGA7000.HAC1E	Sertec 650	2
RGA7000.HAC1F	Sertec 650	3

Table 1: Part Coding

Aim:
To assess the neutral salt spray performance to ISO 9227

Test Method:
The parts were scribed with a 1.0mm scribing tool and subjected to Neutral Salt Spray according to ISO 9227.

Note: - Cross hatch adhesion and solvent rub testing was carried out on each part and confirmed that all parts were cured prior to testing.

R Allman

Distribution: **Garry Bell AH SH JW**

Interpon
Powder Coatings

Results

Part Code	250 hours	500 hours	750 hours	1000 hours
RGA7000.HAC1A	No creep	No creep	< 2mm creep	< 3mm creep
RGA7000.HAC1B	No creep	No creep	< 1mm creep	< 3mm creep
RGA7000.HAC1C	No creep	No creep	< 1mm creep	< 3mm creep
RGA7000.HAC1D	No creep	No creep	No creep	< 2mm creep
RGA7000.HAC1E	No creep	No creep	No creep	No creep
RGA7000.HAC1F	No creep	No creep	No creep	< 1mm creep

Table 2: Neutral salt spray result

Conclusions

All parts show less than 3mm creep from the scribe after 1000 hours. Performance over the Sertec 650 is better with no creep less than 1mm and less than 2mm creep seen.