



Date	: June 3, 2013	Project No	: SST032-13
Applicant	: Tuan Nguyen	Customer	: Buu Chi
Item Name	: Al Panel	Quantity of sample	: 2
Powder code	: TGE-0033AV	Reference STD	: N/A
Material thickness	: 1.0mm	Film thickness	: 74-92µm
Reference Test STD	: ASTM B117	Pass criteria Grade	: >= 6
Test number	: ATS/2012/020		

Sample Descriptions:

The Buu Chi customer submitted an aluminum panel, which were coated with AkzoNobel powder (TGE-0033AV), then sent to ASEAN technical support lab for NSS Testing with reference to ASTM B117 Standard.

Test parameter Details

Equipment : Changhong, Salt spray chamber.
Salt solution : 5% NaCl.
pH : 6.5-7.2
Temp. of chamber : 35 +/- 1°C

Evaluation criteria:

(Referent figure) Distance from		
mm	Inch (1 inch= 2.54cm)	Grade
0	0	10
0-0.5	0-1/64	9
0.5-1.0	1/64-1/32	8
1.0-2.0	1/32-1/16	7
2.0-3.0	1/16-1/8	6
3.0-5.0	1/8-3/16	5
5.0-7.0	3/16-1/4	4
7.0-10.0	1/4-3/8	3
10.0-13.0	3/8-1/2	2
13.0-16.0	1/2-5/8	1
>>16	>>5/8	0

Test Result and conclusion

TEST CONDUCTED	Specification Criteria	Result after 1500hrs
Rust (at Scribe)	No rust from scribe (3mm)	Pass



AkzoNobel
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Photos:



At 0hr



At 1500hrs

Tested by

(Duc Ngo)

Chemist – ASEAN Support Lab

Approved by

(Vengatesan.P)

ASEAN Technical Manager

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