

Material & Engineering Laboratory-Taipei

TEST REPORT



REPORT NO. : HV-17-04652A-1

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REPORT DATE : Sep. 07, 2017

AutoStrato Pte Ltd

No.52, Ln. 1129, Zhonghua Rd., Zhubei City, Hsinchu County 30267, Taiwan

The following merchandise was submitted and identified by the vendor as :

Product Name : Ceraz Ceramic Coating

Manufacturer/Supplier : AutoStrato Pte Ltd

We have tested the submitted sample(s) as requested and the following results were obtained :

Test Required : (According to client's test specification, please see following sheets in detail.)

(1) Chemical Resistance

(2) Adhesion by Tape Test

Test Result :

-PLEASE SEE ATTACHED SHEETS-

Date of Receive : AUGUST 15, 2017

Date of Testing : AUGUST 15, 2017 ~ AUGUST 31, 2017

Remark : This Test Report cancels and supersedes the Test Report No. HV-17-04652A.

Revised date : SEPTEMBER 20, 2017



Signed for and on behalf of
SGS Taiwan Ltd.

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Test Equipment :

Name	Brand	Model
Tape	3M	600

Lab Environmental Conditions :

Ambient Temp. : 23±2°C
Relative Humidity : 65±5%RH

Test Method/ Specification :

ASTM D1308-02(2013) Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes I
ASTM D3359-09e2 Standard Test Methods for Measuring Adhesion by Tape Test

Test Condition :

Chemical Resistance (Black sample)
Test Procedure : Immersion
Test Temperature : 23°C
Test Condition : 5% H₂SO₄、5% Na₂CO₃
Test Time : 24 hours

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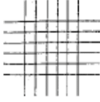
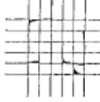
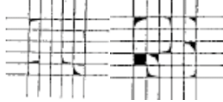
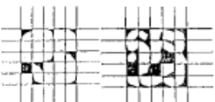
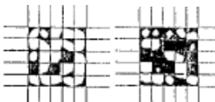
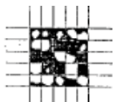
Adhesion by Tape Test (Gray sample)

Test Procedure : Method B CROSS-CUT TAPE TEST

Space between cuts : 2mm×25

Rate the adhesion in accordance with the following scale illustrated in Fig. 1

Fig. 1

Surface of cross-cut area from which flaking has occurred for six parallel cuts and adhesion range by percent			
Percent area removed	0% None	Less than 5%	5~15%
Classification	5B	4B	3B
Surface of cross-cut area from which flaking has occurred for six parallel cuts and adhesion range by percent			
Percent area removed	15~35%	35~65%	Great than 65%
Classification	2B	1B	0B

Test Result :

Test Item(s)	Test Result(s)
Chemical Resistance	
a. Acid Resistance	There is no abnormality, even immersed in acid.
b. Alkali Resistance	There is no abnormality, even immersed in alkali.
Adhesion by Tape Test	5B

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Test Photo :



Test Sample(Acid Resistance 、Alkali Resistance)



Test Sample(Adhesion by Tape Test)

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