

TEST REPORT

No. : XMCCM140300198-3.3

Date : Jun.27, 2014

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PHOMI MCM CO., LTD

112 ZHONGSHENG ROAD, PANYU DISTRICT, GUANGZHOU, CHINA

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : MCM FLEX-CLAY, UNFIRED FLEXI CLAY CLADDING & FLOORING
 Test required : French VOC Regulation
 Date of Receipt : May.14, 2014
 Test Period : May.14, 2014 to Jun. 25, 2014

Test Result Summary

No.	Test(s) Requested	Result(s)
1	French VOC Regulation	Class: A

For further details, Please refer to the following page(s)

***** To be continued*****

Signed for and on behalf of
 SGS-CSTC Ltd.



Civi Huang
 Xiamen Materials Lab Technical Supervisor



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XMCCM 006577

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Test Method

Test Method(s)	Principle	Parameter	Detection Limit	Uncertainty	
ISO 16000-3 ISO 16000-6 ISO 16000-9 ISO 16000-11	GC/MS	VOC CMR	5 µg/m ³ 1 µg/m ³	17.5% (RSD) U = 2 x RSD=35%	
	HPLC/UV	Volatile aldehydes	5 µg/m ³	16% (RSD) U = 2 x RSD= 32%	
Test chamber parameter					
Chamber volume (L)	119	Temperature (°C)	23	Relative humidity (%):	50
Air change rate (per hour)	0.5	Loading ratio (m ² /m ³)	1		
Test condition: Sample stayed in test chamber during the whole 28 days testing period.					
Sample preparation Edges and back covered with aluminum foil.					

Test Result(s)

	Concentration after 28 days µg/m ³	C	B	A	A+
TVOC	16	>2000	<2000	<1500	<1000
Formaldehyde	57	>120	<120	<60	<10
Acetaldehyde	<5	>400	<400	<300	<200
Toluene	<5	>600	<600	<450	<300
Tetrachloroethylene	<5	>500	<500	<350	<250
Ethylbenzene	<5	>1500	<1500	<1000	<750
Xylene	<5	>400	<400	<300	<200
Styrene	<5	>500	<500	<350	<250
2-Butoxyethanol	<5	>2000	<2000	<1500	<1000
Trimethylbenzene	<5	>2000	<2000	<1500	<1000
1,4-Dichlorobenzene	<5	>120	<120	<90	<60
CMR compounds		Maximum allowed air concentration			
Benzene	<1		<1		
Trichloroethylene	<1		<1		
Dibutyl phthalate (DBP)	<1		<1		
Diethylhexyl phthalate (DEHP)	<1		<1		

***** To be continued*****

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Remark:

- < Means less than
- > Means higher than

This VOCs test covered only substances that can be adsorbed on Tenax-TA and that can be thermally desorbed and analyzed by gas chromatography mass spectrometric detector. If other emission occurred then these could not be monitored or with limited reliability only. The method is not optimal for very volatile compounds. For these substances small results and a higher uncertainty in the measurement cannot be excluded. All compounds identified by comparison with a mass spectrum obtained from a library. Calibrated as toluene equivalent.

Statement

This test report is valid for the tested samples only. Without permission of the test center this test report is not permitted to be duplicated in extracts.

This test report does not entitle to carry any safety mark on this or similar products.

***** To be continued*****

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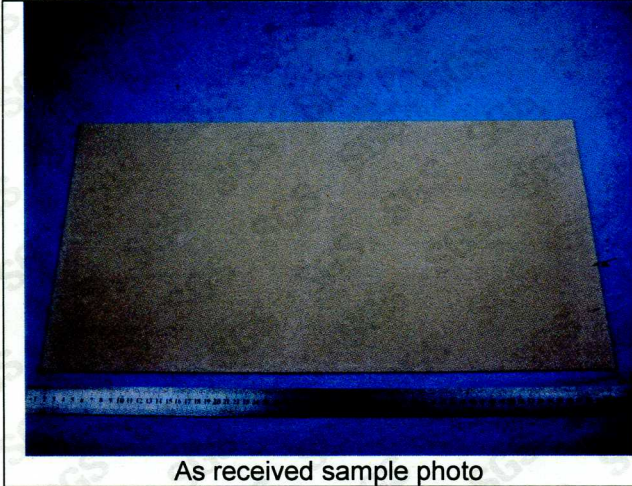
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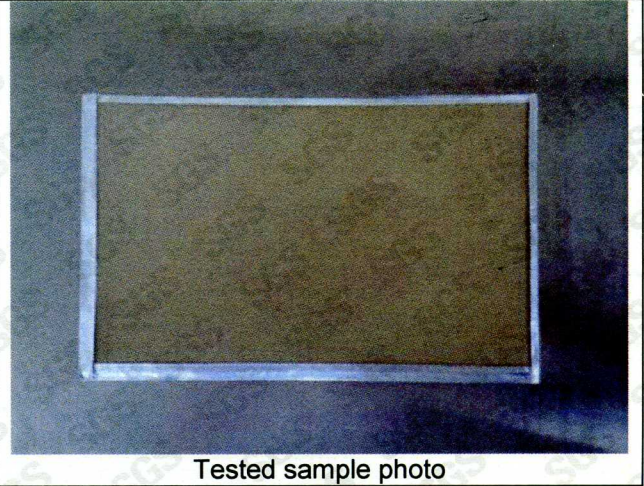
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Appendix Photo:



As received sample photo



Tested sample photo

SGS authenticate the photos on original report only

*****End of report*****

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