

TEST REPORT



1. No : CT13-47648
2. Client :
 - Name : Hueintek, Inc.
 - Address : 621-18, Noha-ri, Paltan-myeon, Hwaseong, Gyeonggi, Korea
 - Date of Receipt : Apr 29, 2013
 - Date of Issued : May 30, 2013
3. Use of Report : Quality control
4. Test Sample : T-BOARD 9T (0.35")
5. Method :
 - (1) ASTM D 5116-10

6. Test Results

1) T-BOARD 9T (0.35")

Test Item(s)	Unit	Test method used	Test Result(s)
Total Volatile Organic Compound	mg/(m ² · h)	(1)	0.010
Toluene	mg/(m ² · h)	(1)	0.005
4-phenylcyclohexene	mg/(m ² · h)	(1)	ND
Total Phthalates	mg/(m ² · h)	(1)	ND
Formaldehyde	mg/(m ² · h)	(1)	ND

※ ND - Not Detected

※ Total phthalates : Phthalates include dibutyl (DBP), diethylhexyl(DEHP), diethyl(DEP), butylbenzyl(BBP), di-octyl(DOP), and dimethyl(DMP) phthalates.

Affirmation	Tested By Name : Kim Hyun Jin <i>Kim Hyun Jin</i>	Technical Manager Name : Kyung Hwan Yu <i>K. H. Yu</i>
Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products.		

Korea Conformity Laboratories

President

Song Jae Bin

Jae Bin Song

The above test certificate is the accredited test results by Korea Laboratory Accreditation Scheme, which signed the ILAC-MRA.

Address : 137-707 1465-4, Seocho3-Dong, Seocho-Gu, Seoul, Korea 82-2-3415-8886

Result Inquiry : Building Materials Safety Center 82-31-389-9107

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Table 1. Chamber conditions for test period

Parameter	Units	Value
Product exposed area	m ²	0.42
Chamber Volume	m ³	1
Loading ratio	m ² /m ³	0.42
Ventilation rate	h ⁻¹	1.0
Temperature	°C	22.8 ~ 23.2
relative humidity	%	47 ~ 53

Table 2. Parameters used to calculate building VOC concentrations

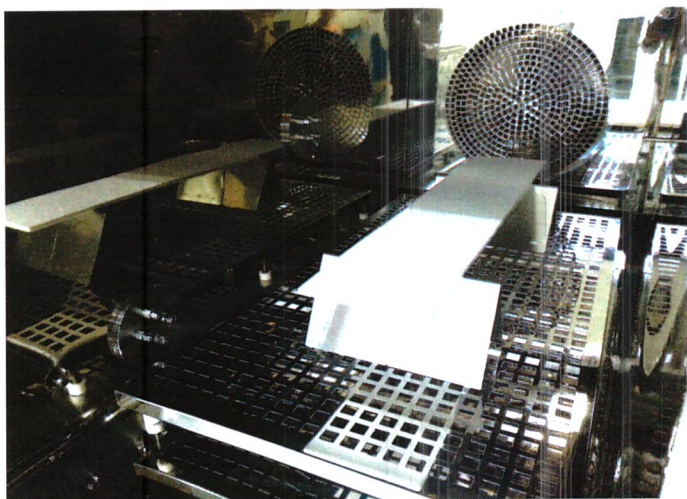
Parameter	Units	Value	Standard method
Product exposed area	m ²	41.2	GGTM.P066 (GG office model)
building volume	m ³	32	
ventilation rate	h ⁻¹	0.72	

Table 3. Emission test results for individual VOCs

Substance	48-h Chamber Concentration µg/m ³	Emission factor µg/(m ² ·h)	Building concentration µg/m ³
Toluene	2.7	5.0	8.9
2,4-Di-tert-butylphenol	2.5	4.9	8.8

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Table 4. Pictures of the Tested Specimen



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