



TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-31-853-8072

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Report No : TAK-2018-171123

Receipt Date : 2018.11.09.

Representative : ROH SANG CHEUL

Test Completion Date : 2018.12.19.

Company name : SHINILFRAME CO., LTD.

Address : 45, Hyuam-ro 117beon-gil, Wollong-myeon, Paju-si, Gyeonggi-do

Sample name : MIGA DECOWALLS

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Density(23 °C)	g/cm ³	-	0.511	ISO 1183-1 : 2012(Method A)
Tensile Strength	MPa	-	8.99	ISO 527-2 : 2012(*)
Flexural Strength	MPa	-	19.4	ISO 178 : 2010/Amd 1 : 2013 (**)
Izod Impact Strength	kJ/m ²	-	0.78	ISO 180 : 2010/Amd 2 : 2013 (Notched Type : Type A)
TVOC emission	mg/m ² · h	-	0.050	KS I ISO 16000-9 : 2014
Toluene emission	mg/m ² · h	-	0.027	KS I ISO 16000-9 : 2014
Formaldehyde emission	mg/m ² · h	-	0.001 below	KS I ISO 16000-9 : 2014
Formaldehyde emission	mg/L	-	0.1 below	KS M 1998 : 2017

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2018.12.19

Korea Testing & Research Institute

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전자문서본(Electronic Copy)



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Sample name : MIGA DECOWALLS

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
1. Test period : 7 d				
2. Loading factor : 2.0 m ² / m ³				
3. Sample : Solid building materials (143 mm x 143 mm x 2 ea)				
4. MDL : TVOC - 0.004 mg/m ² · h				
			Benzene, Toluene, Ethylbenzene, Xylene, Styrene- 0.001 mg/m ² · h	
			Formaldehyde, Acetaldehyde - 0.001 mg/m ² · h	

* Test condition

1. Temperature : 20 °C ± 2 °C

2. Test period : 24 hr

3. Sample : Solid building materials (150 mm x 50 mm)

4. MDL : HCHO - 0.1 mg/L

- Usage of Report : QUALITY CONTROL

- Note :
- The test results of this test report are only limited in to the samples and sample names provided by the client and do not guarantee the quality of all products of the client. You Can check website (www.ktr.or.kr) or QR code to verify the authenticity of the certificate.
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