



Test Center of Antimicrobial Materials

Technical Institute of Physics and Chemistry, Chinese Academy of Sciences

Test Report

Report Number: LHKJ-1404-02-1/1

Sample Name *	Gerflor Homogeneous PVC Sheet Floorings
Sample Clients *	Gerflor Floorings (China) Co., Ltd.
Test Sort	Application Test
Date of Report	May 16, 2014

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Sample Name *	Gerflor Homogeneous PVC Sheet Floorings	Test Sort	Application Test
Sample Number	LHKJ-1404-02	Client *	Gerflor Floorings (China) Co., Ltd.
Sample Amount	A4 × 3pcs		No.8, Tieqin South Road, Southeast Economic Development Zone, Changshu, Jiangsu, P.R. China
Brand/Mark *	Gerflor	Address *	
Type *	20m × 2m × 2.0mm		
Batch No.	/	Receive date	Apr 04, 2014
Manufactory *	Gerflor Floorings (China) Co., Ltd.	Test Period	Apr 15, 2014 ~ May 16, 2014
		Test Item	Antifungal activity

Sample Description: The samples are Gerflor Homogeneous PVC Sheet Floorings. The samples are made to squares of 50mm×50mm by the standard. Using standard filter paper (25mm×25mm) as negative control.

Test Method: ASTM G21-2009 Standard practice for determining resistance of synthetic polymeric materials to fungi

Test fungi:

No.	Name	Fungi No.
1	<i>Aspergillus niger</i>	ATCC 6275
2	<i>Penicillium pinophilum</i>	AS 3.745
3	<i>Chaetomium globosum</i>	AS 3.4254
4	<i>Gliocladium virens</i>	AS 3.3987
5	<i>Aureobasium Pullulans</i>	AS 3.3984

Test Result:

Sample Name	Rating	Area	Remark
Negative control (after 14 days)	4	100%	Full
Sample (after 28 days)	0	0	--

Note: By this standard, observation the rating of trace after 28 days of incubation as follows,

None (Observation under microscope with 50X)	rate 0
Traces of growth (less than 10%)	rate 1
Light growth (10 to 30%)	rate 2
Medium growth (30 to 60%)	rate 3
Heavy growth (60% to complete coverage)	rate 4



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Notice:

1. This report is not valid without stamping the test seal.
2. Without permitting by test center, don't copy the report partly.
3. The report is only responsible for test sample.
4. The items with mark“ * ”are given by the client.
5. If you doubt the report, please connect us and offer the report within one month after you receive the report.

Written 张岩
Checked Tian
Approved 张岩

