


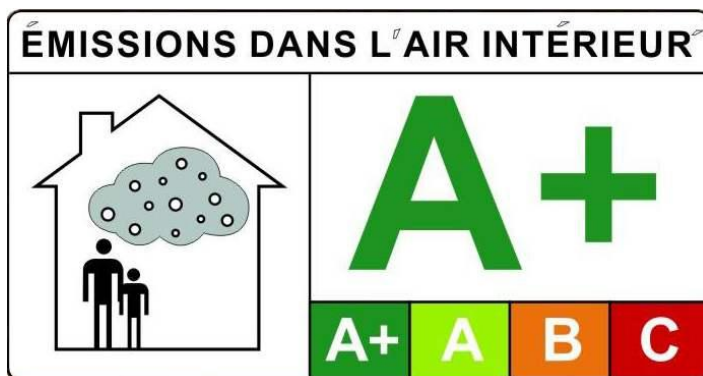
VOC Emissions Test report

1. Sample Information

Applicant name	Sichuan Yiersheng Building Decoration Material Co., Ltd
Address	No.18, Section 3, Yuxi Road, Xinfeng Town, Guanghan City, Deyang City, Sichuan Province
Test laboratory	Shenzhen Nano Testing Technology Co., Ltd
Address	6th Floor, Building B, No.258 Xingye 1st Road, Fuhai Street, Baoan District, Shenzhen
Sample identification	123Dry powder mortar putty powder
Product type	-
Trade mark	
Model No.	-
Batch no.	-
Production date	-
Date when sample was received	18/05/2021
Testing (start - end)	18/05/2021-18/06/2021

2. Resulting VOC Emissions Class Label

This recommendation is based on French regulation of March 23, 2011 (décret DEVL1101903D) and of April 19, 2011 (arrêté DEVL1104875A). For details please see www.sznano.cn



The product was assigned a VOC emission class without taking into account the measurement uncertainty associated with the result. As specified in French Decree no. 2011-321 of March 23, 2011, correct assignment of the VOC emission class is the sole responsibility of the party responsible for distribution of the product in the French market.

The results are only valid for the tested sample(s).

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3. Test Method

Method	Principle	Parameter	Quantification limit	Uncertainty	
SO 16000 parts -3, -6, -9, -11 Internal method numbers: 9810, 9811, 9812, 2808, 8400	GC/MS	VOC	2 $\mu\text{g}/\text{m}^3$	22% (RSD)	
	HPLC/UV	Volatile aldehydes	3 $\mu\text{g}/\text{m}^3$	$U_m = 2 \times \text{RSD} = 45\%$	
Test chamber parameter					
Chamber volume, l	119	Temperature, °C	23 ± 1	Relative humidity, %	50 ± 5
Air change rate, 1/h	0.5	Loading ratio, m^2/m^3	0.4		
Test condition: Sample stayed in test chamber during the whole 28 days testing period.					
Sample preparation					
Application amount, g/m^2	301	Number of layer	1	Drying time, h	-

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4. Results

item	Concentration after 28 days $\mu\text{g}/\text{m}^3$	C	B	A	A+
TVOC	85	>2000	<2000	<1500	<1000
Formaldehyde	<3	>120	<120	<60	<10
Acetaldehyde	<3	>400	<400	<300	<200
Toluene	<2	>600	<600	<450	<300
Tetrachloroethylene	<2	>500	<500	<350	<250
Ethylbenzene	<2	>1500	<1500	<1000	<750
Xylene	<2	>400	<400	<300	<200
Styrene	<2	>500	<500	<350	<250
2-Butoxyethanol	67	>2000	<2000	<1500	<1000
1,2,4-Trimethylbenzene	<2	>2000	<2000	<1500	<1000
1,4-Dichlorobenzene	<2	>120	<120	<90	<60

< Means less than

> Means higher than

Danig:
Analytical Service Manager



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